

RECORD OF PROCEEDINGS
OF THE
BOARD OF TRUSTEES
OF THE
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1986 to June 30, 1987

1986-1987

T H E O H I O S T A T E U N I V E R S I T Y

Edward H. Jennings, President

BOARD OF TRUSTEES

	Term Beginning	Term Expiring
Daniel M. Galbreath, Columbus	May 14, 1978	May 13, 1987
Edmund C. Redman, Columbus	May 14, 1979	May 13, 1988
Leonard J. Immke, Columbus	May 14, 1980	May 13, 1989
John W. Berry, Dayton	May 14, 1981	May 13, 1990
Shirley D. Bowser, Williamsport	May 14, 1982	May 13, 1991
Hamilton J. Teaforde, Columbus	May 14, 1983	May 13, 1992
John J. Barone, Toledo	May 14, 1984	May 13, 1993
Deborah E. Casto, Columbus	May 14, 1985	May 13, 1994
John W. Kessler, Columbus	May 14, 1986	May 13, 1995
Milton A. Wolf, Cleveland	May 14, 1987	May 13, 1996

OFFICERS

Daniel M. Galbreath, Chairman
Edmund C. Redman, Vice Chairman
Madison H. Scott, Secretary
James L. Nichols, Treasurer

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND TWENTY-SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 10 and 11, 1986

The Board of Trustees met at its regular monthly meeting on Thursday, July 10, and Friday, July 11, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.
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July 10 and 11, 1986 meeting, Board of Trustees

Trustee Leonard J. Immke, called the meeting of the Board of Trustees to order on July 10, 1986, at 6:40 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Leonard J. Immke, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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Mr. Galbreath reconvened the meeting on July 11, 1986, at 10:30 a.m.

Present: Daniel M. Galbreath, Chairman, Edmund C. Redman, Leonard J. Immke, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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RENAMING OF DEPARTMENT

Resolution No. 87-1

Synopsis: A proposal to change the name of the Department of Medicine to the Department of Internal Medicine is recommended.

WHEREAS the Executive Committee of the College of Medicine unanimously voted to approve renaming the Department of Medicine as the Department of Internal Medicine; and

WHEREAS considerable confusion exists with having both the College, and its largest Department designated by the same name; and

WHEREAS the designation, Internal Medicine, is widely used and accepted nationally in this discipline; and

WHEREAS the University Senate approved the renaming of the Department of Medicine on June 7, 1986:

NOW THEREFORE

BE IT RESOLVED, That the Department of Medicine be renamed the Department of Internal Medicine effective immediately.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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JOINT DEGREE PROGRAM - MASTER OF LIBRARY SCIENCE

Resolution No. 87-2

Synopsis: Recommendation for a Master of Library Science Joint Degree Program for The Ohio State University and Kent State University is proposed.

WHEREAS the proposed Master of Library Science Joint Degree Program for The Ohio State University and Kent State University has been strongly endorsed by the College of Education; and

July 10 and 11, 1986 meeting, Board of Trustees

JOINT DEGREE PROGRAM - MASTER OF LIBRARY SCIENCE (contd)

WHEREAS resources for outstanding instructional, research, and service programs in library science are available through innovative and technologically sophisticated libraries in Central Ohio, and by combining these resources with those of the Kent State's School of Library Science a better program will result; and

WHEREAS the program would provide access to a much needed graduate library science degree for many residents of Central and Southern Ohio; and

WHEREAS the Graduate Council voted unanimously to approve the proposed program; and

WHEREAS the University Senate approved the program on June 7, 1986:

NOW THEREFORE

BE IT RESOLVED, That the Master of Science Joint Degree Program for The Ohio State University and Kent State University be established effective Autumn Quarter 1986.

Upon motion of Ms. Casto, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 87-3

Synopsis: Amendments to rules 3335-5-471, 3335-5-473, 3335- 5-485, 3335-5-486, 3335-5-4814, and 3335-11-022 are being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on June 7, 1986, as follows:

AMENDED RULES

3335-5-471 Steering committee.

- (B) (2) Review the structure, operation, and effectiveness of the senate and its committees. It shall receive suggestions, review proposed rule changes, and initiate recommendations for change in the structure and operation of the senate, including structure, duties, and responsibilities of senate committees, without, however, in any way restricting the senate's authority to alter its operations by other means. The steering committee may also review other proposed rule changes prior to presentation to the senate.

3335-5-473 Rules committee.

- (B) Duties and responsibilities.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (1) Be responsible, in cooperation with the secretary of the university senate, for the monitoring of the "Rules of the University Faculty" and of all statutes and bylaws pertaining to the senate.
- (2) Ensure that all published rules and bylaws within the senate's purview are up to date, and recommend their republication at such intervals as may be desirable.
- (3) Make recommendations for the revision of the procedural rules of the senate.
- (4) Following senate approval, the committee shall receive all proposed new rules and changes in existing rules. It shall review them and recommend to the senate such editorial or other changes it deems necessary to avoid conflict with other rules, to enhance clarity and precision, and to avoid ambiguity. Its recommendations shall be presented for final action at the next regular meeting of the senate; debate will be limited to the editorial changes recommended by the committee. If the committee is unable to report at this time, it shall inform the program committee of the reasons so that they may be included in the program committee's report on items not yet appearing on the senate's agenda.
- (5) Initiate rules or changes in existing rules and recommend them to the program committee for scheduling for senate action.

3335-5-485 Athletic council.

- (B) (2) Participate with the president in the process of selecting the university's two faculty representatives to the intercollegiate conference of faculty representatives (big ten conference).
 - (a) For each faculty representative position, the athletic council shall prepare a list of no fewer than two regular faculty members from which the president shall select a faculty representative. All regular tenured faculty members are eligible for inclusion on these lists.
 - (b) Unchanged.
 - (c) Final approval of each list of names submitted to the president shall be made by the full membership of the athletic council. The list for each faculty representative position shall be presented to the president during the winter quarter preceding the start of the next term of office in order to allow for a smooth transition between outgoing and incoming faculty representatives.
 - (d) The terms of the representatives shall be arranged so that the terms shall not begin or expire within the same year. The term of office for a faculty representative is three years, beginning the first of July following appointment. Reappointment for no more than one additional three-year term is permissible. If an incumbent faculty representative is eligible to and desires to serve another term, then at least seven months prior to the expiration of the current term, the

July 10 and 11, 1986 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

athletic council shall undertake a review of the incumbent's performance. If the council decides that the incumbent should serve a second term and the president concurs, the faculty representative's term shall be renewed. Otherwise, the council shall move to prepare a list to submit to the president following the procedures of paragraphs (B) (2) (a) to (c) of this rule.

- (e) A faculty representative who is not already a member of the athletic council shall attend meetings of the council. The chairperson of the athletic council, or the chairperson's designee from among the faculty members of the athletic council, shall serve as an ex officio alternate for either faculty representative with full voting privileges at conference meetings.

3335-5-486 Council on admission and registration.

(A) Membership.

The council on admission and registration shall consist of nineteen members.

(1) Nine regular faculty.

- (a) Three regular faculty appointed by the president for three-year terms. Appointed members are eligible for reappointment.
- (b) Six regular faculty, at least two of whom are senate members, elected by the senate.

(2) Unchanged.

(3) Five administration members, all non-voting.

- (a) Vice president for academic affairs and provost, or designee.
- (b) Vice provost for student affairs, or designee.
- (c) Vice president for finance, or designee.
- (d) University registrar.
- (e) Director of admissions.

(B) Unchanged.

(C) Organization.

- (1) The chairperson shall be elected from among the faculty members. The vice president for academic affairs and provost, or designee, shall serve as vice chairperson, and the vice provost for student affairs, or designee, shall serve as secretary.

3335-5-4814 University calendar committee.

(B) Duties and responsibilities.

July 10 and 11, 1986 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (1) Formulate guidelines for the preparation of university calendars to be presented for approval to the senate.
- (2) Prepare the university calendar, following the adopted guidelines.
- (3) Make minor modifications in published university calendars when circumstances warrant.
- (4) Consult with the council on academic affairs, the council of deans, and other appropriate offices before recommending to the senate a major change in the university calendar.
- (5) Periodically study the comparative advantages and disadvantages of the quarter system and alternative systems.
- (6) Monitor and seek to improve quarter-end validation procedures.
- (7) Transmit reports, including results of studies conducted by the university calendar committee, to the council of deans, the council on academic affairs, and the university senate, for consideration and appropriate action.

3335-11-022 Pending criminal law suit.

- (A) Whenever a criminal court exercises jurisdiction over acts which allegedly constitute a disruption by university rules, the university shall not exercise jurisdiction, except in an extraordinary case. In such a case, the university may bring the student before a hearing officer and panel to determine whether the student poses a clear and present danger of repeated or continued violation of rule 3335-11-02 of the Administrative Code. If the panel finds that such a danger exists, it shall recommend that the student's continued enrollment be dependent on the imposition of strict disciplinary probation, under such terms and conditions as the hearing officer may specify (except that the student may not be deprived of university scholarship, loan, grant-in-aid, or employment).
- (B) The term of probation shall last until such time as the hearing officer finds that the danger no longer exists. This finding may be initiated by the officer or upon petition by the student.
- (C) If a probation violation is alleged to have occurred, the student will be subject to an immediate hearing before a hearing officer. If found in violation of probation, the student will be temporarily suspended or dismissed from the university pending a full hearing.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Barone, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 10 and 11, 1986 meeting, Board of Trustees

President Jennings made the following statement:

I am pleased to find in my travels through Ohio -- such as the recent trip to Cleveland -- that there is increasing understanding and acknowledgement of the breadth of Ohio State's influence and advantages. There is an unfortunate tendency in Ohio to overlook The Ohio State University's statewide mission and even broader benefits.

Students come from throughout the Buckeye state, from every other state of the Union, and more than one hundred foreign nations. The faculty is similarly diverse. Our alumni and our reputation for excellence extend to the four corners of the Earth. Research efforts extend from the farmlands of Ohio to both polar ice caps.

When this state's General Assembly established The Ohio State University some 116 years ago, it was intended to be an institution that would serve all the citizens of Ohio. Our charter and mission as Ohio's land-grant university gave us a unique and vital role to play throughout the state.

For this reason, and to recognize the growing regional, national, and international role that Ohio State plays, I am pleased to recommend to the Board of Trustees a change in the official seal of the University to reflect our comprehensive mission--to recommend that city designations for Columbus and regional campuses be replaced by the year of the University's founding, 1870.

This action serves as a symbolic re-affirmation to the people of Ohio that our University, is truly their University. We exist to serve the entire state, through the educational opportunities that we provide to its sons and daughters; the knowledge that is revealed through out wide-ranging research undertakings; and the efforts that we lead to improve the quality of life for our neighbors and fellow citizens.

We are proud to be The Ohio State University.

UNIVERSITY SEAL REVISION

Resolution No. 87-4

Synopsis: Revision of the official University Seal to replace the word "Columbus" with the year of the University's founding, 1870, and the elimination of all regional campus seals is proposed.

WHEREAS The Ohio State University Board of Trustees has on previous occasions approved the design for the official Seal of the University; and

WHEREAS in its role as Ohio's land-grant institution, the University serves the entire State of Ohio through its missions of teaching, research, and related public service; and

WHEREAS the University's influence and reputation, potential body of students, and alumni population extend throughout Ohio, across the United States, and around the world; and

WHEREAS the current University Seal design incorporates the word "Columbus"

July 10 and 11, 1986 meeting, Board of Trustees

UNIVERSITY SEAL REVISION (contd)

as part of the official seal, and the University's regional campuses incorporate their city names in their various seals; and

WHEREAS the Board of Trustees proudly acknowledges that The Ohio State University serves all Ohioans and is international in scope, influence, and reputation:

NOW THEREFORE

BE IT RESOLVED, That the official Seal of The Ohio State University and the Commercial Seal of the University be redrawn so as to replace the word "Columbus" with the year "1870," in which year the University was founded and that these revised Seals be registered with the United States Patent and Trademark Office and the Office of the Secretary of State of Ohio; and

BE IT FURTHER RESOLVED, That all regional campus seals be eliminated and replaced by the single, redrawn official University Seal; and

BE IT FURTHER RESOLVED, That the Secretary of the Board be directed to ensure that the revised Seals be used for all official University purposes and incorporated into the University Operating Manual and adopted for all official University uses effective July 1, 1987.

Upon motion of Mr. Barone, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT

Resolution No. 87-5

Synopsis: Approval is being requested for awarding degrees and certificates for Summer Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees, the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on August 29, 1986, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 10 and 11, 1986 meeting, Board of Trustees

HONORARY DEGREE

Resolution No. 87-6

Synopsis: Approval is requested for awarding an honorary degree.

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommended to the Board of Trustees awarding of an honorary degree as listed below:

John D. Drinko

Doctor of Laws

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 87-7

Synopsis: Approval is requested for awarding honorary degrees to six individuals.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-488 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

Dale B. Baker

Doctor of Science

Justice William J. Brennan, Jr.

Doctor of Laws

Alfred D. Chandler, Jr.

Doctor of Humane Letters

Frederick J. Doyle

Doctor of Science

Pavle Ivic

Doctor of Humane Letters

C. K. Tseng

Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 87-8

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the June 11, 1986 meeting of the Board,

July 10 and 11, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

including the following Changes in Title, Appointment of Chairpersons of Departments and Director of Programs, Reappointment of Chairpersons of Departments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget be approved, and the 1986-87 Medical Staff Appointments/Reappointments approved June 12, 1986, by the Hospitals Board be ratified.

Changes in Title

Name:	FREDERICK E. HUTCHINSON
Title:	Vice President and Executive Dean
Office/College:	Agricultural Administration/Agriculture
Effective:	July 1, 1986
Salary:	\$93,720.00
Present Position:	Acting Vice President and Dean, Agricultural Administration, College of Agriculture
Name:	CHESTER K. HANSEN
Title:	Acting Executive Director
Center:	National Center for Research in Vocational Education
Effective:	July 1, 1986
Salary:	\$75,360.00
Present Position:	Senior Associate Director, National Center for Research in Vocational Education
Name:	ALBERT L. CLOVIS
Title:	Associate Dean and Professor
College:	Law
Effective:	July 1, 1986
Salary:	\$95,040.00
Present Position:	Professor, College of Law
Name:	DEV S. PATHAK
Title:	Associate Dean and Professor
College:	Pharmacy
Effective:	July 1, 1986
Salary:	\$69,960.00
Present Position:	Chairperson Professor, Division of Pharmaceutical Administration and Professor, College of Business
Name:	JANE M. SNYDER
Title:	Associate Dean and Professor
College:	Humanities
Effective:	July 1, 1986
Salary:	\$58,560.00
Present Position:	Professor, Department of Classics
Name:	EUGENE CHING
Title:	Professor (Bliss M. and Mildred A. Wiant Designated Professorship in Chinese Literature and Culture)
Department:	East Asian Languages and Literatures
Effective:	October 1, 1985
Salary:	\$40,680.00
Present Position:	Professor, Department of East Asian Languages and Literatures

July 10 and 11, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Chairpersons of Departments and Director of Programs

January 1, 1986 through December 31, 1990

Veterinary Physiology and Pharmacology	Young C. Lin
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July 1, 1986 through June 30, 1990

Chemistry	Devon W. Meek
Mathematics	Joseph C. Ferrar

August 1, 1986 through June 30, 1987

Clinical Programs - College of Law	David A. Goldberger
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October 1, 1986 through September 30, 1987

German	Charles W. Hoffmann*
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October 1, 1986 through September 30, 1988

East Asian Languages and Literatures	Feng S. Hsueh
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October 1, 1986 through September 30, 1989

Slavic and East European Languages	Frank R. Silbajoris
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October 1, 1986 through September 30, 1990

Life Span Process	Carol L. Kennedy
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Reappointment of Chairpersons of Departments

July 1, 1986 through September 30, 1986

Family Resource Management	Fern E. Hunt*
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July 1, 1986 through June 30, 1987

Genetics	Russell V. Skavaril*
Surgery	Ronald M. Ferguson*

July 1, 1986 through June 30, 1990

Family Relations and Human Development	Barbara M. Newman
Veterinary Pathobiology	Charles C. Capen

October 1, 1986 through September 30, 1990

Romance Languages and Literatures	Ronald C. Rosbottom
Sociology	Saad Z. Nagi

*Acting Chairperson

Leaves of Absence Without Salary

NANCY K. COXE, Assistant Professor, University Libraries, effective June 26, 1986 through October 12, 1986, for personal reasons.

July 10 and 11, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

NANCY K. RHODEN, Assistant Professor, College of Law, effective Autumn Semester 1985 and Spring Semester 1986, for personal reasons.

Professional Improvement Leaves

LAWRENCE BAUM, Professor, Department of Political Science, effective Autumn Quarter 1986 and Winter Quarter 1987.

DAN BURGHELEA, Professor, Department of Mathematics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

JERRY F. DOWNHOWER, Professor, Department of Zoology, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

OSCAR FISCH, Professor, Department of City and Regional Planning, effective Autumn Quarter 1986.

LAURENCE C. GERCKENS, Professor, Department of City and Regional Planning, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

ANTHONY G. GREENWALD, Professor, Department of Psychology, Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

GEORGE F. HALL, Professor, Department of Agronomy, effective October 1, 1986 through June 30, 1987.

KEITH A. HALL, Professor, Department of Educational Theory and Practice, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

JOHN S. HSIA, Professor, Department of Mathematics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

BERNARD J. LA LONDE, Professor, Academic Faculty of Marketing, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

J. HUSTON MCCULLOCH, Professor, Department of Economics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

EARL F. MURPHY, Professor, College of Law, effective Autumn Semester 1986 and Spring Semester 1987.

EDWARD C. NABER, Professor, Department of Poultry Science, effective July 1, 1986 through December 31, 1986.

BRADLEY M. RICHARDSON, Professor, Department of Political Science, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

WALTER W. WADA, Professor, Department of Physics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

KENNETH J. WALDRON, Professor, Department of Mechanical Engineering, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

DOUGLAS J. WHALEY, Professor, College of Law, effective Autumn Semester 1986 and Spring Semester 1987.

July 10 and 11, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

PHILIP E. WIGEN, Professor, Department of Physics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

NORMAN K. BOOTH, Associate Professor, Department of Landscape Architecture, effective Autumn Quarter 1986 and Winter Quarter 1987.

ALEXIS C. COLLIER, Associate Professor, Department of Psychology, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

M. GREGORY FOREST, Associate Professor, Department of Mathematics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

CLINTON R. FOULK, Associate Professor, Department of Computer and Information Science, effective Autumn Quarter 1986 and Winter Quarter 1987.

BONNIE J. GARVIN, Associate Professor, Department of Family and Community, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

RICHARD P. GUNTHER, Associate Professor, Department of Political Science, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

ROBERT MACCALLUM, Associate Professor, Department of Psychology, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

ANNE M. MORGANSTERN, Associate Professor, Department of History of Art, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

JAMES R. MORITA, Associate Professor, Department of East Asian Languages and Literatures, effective Autumn Quarter 1986 and Winter Quarter 1987.

DEAN H. OWEN, Associate Professor, Department of Psychology, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

GREGORY PROCTOR, Associate Professor, School of Music, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

Emeritus Titles

JACK L. BEAL, College of Pharmacy, with the title Professor Emeritus, effective July 1, 1986.

JOHN H. BEHLING, College of Social Work, with the title Professor Emeritus, effective July 1, 1986.

RONALD B. BERGGREN, Department of Surgery, with the title Professor Emeritus, effective July 1, 1986.

VERN R. CAHILL, Department of Animal Science, with the title Professor Emeritus, effective July 1, 1986.

JOHN J. CLARKE, School of Journalism, with the title Professor Emeritus, effective September 1, 1986.

JACK HINE, Department of Chemistry, with the title Professor Emeritus, effective September 1, 1986.

July 10 and 11, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

ROSCOE C. HINKLE, Department of Sociology, with the title Professor Emeritus, effective July 1, 1986.

CHARLOTTE S. HUCK, Department of Educational Theory and Practice, with the title Professor Emeritus, effective July 1, 1986.

RICHARD W. HUFFMAN, College of Dentistry - Restorative Dentistry, with the title Professor Emeritus, effective July 1, 1986.

CHARLES D. JONES, Department of Mechanical Engineering, with the title Professor Emeritus, effective July 1, 1986.

GEOFFREY KELLER, Department of Astronomy, with the title Professor Emeritus, effective September 1, 1986.

GEORGE P. PATTEN, Department of Geography, with the title Professor Emeritus, effective July 1, 1986.

JOSEPH M. RYAN, Department of Medicine - Cardiology, with the title Professor Emeritus, effective July 1, 1986.

WILLIAM B. TORAN, School of Journalism, with the title Professor Emeritus, effective July 1, 1986.

JAMES VANDERZANDEN, Department of Sociology, with the title Professor Emeritus, effective July 1, 1986.

ROBERT L. WALL, Department of Medicine - Hematology, with the title Professor Emeritus, effective July 1, 1986.

JAMES V. WARREN, Department of Medicine - Cardiology, with the title Professor Emeritus, effective June 1, 1986.

RICHARD L. WINK, School of Music (Mansfield Campus), with the title Professor Emeritus, effective August 1, 1986.

WALTER A. ZACHERL, College of Dentistry - Oral Biology, with the title Professor Emeritus, effective July 1, 1986.

WILLIAM R. BAZLER, College of Dentistry - Endodontics, with the title Associate Professor Emeritus, effective July 1, 1986.

JOSEPH L. BITONTE, Department of Ophthalmology, with the title Associate Professor Emeritus, effective July 1, 1986.

HELMUTH W. ENGELMAN, Department of Mechanical Engineering, with the title Associate Professor Emeritus, effective July 1, 1986.

KARL W. OLSON, Department of Electrical Engineering, with the title Associate Professor Emeritus, effective July 1, 1986.

LAWRENCE D. VITT, Academic Faculty of Management Sciences, with the title Associate Professor Emeritus, effective July 1, 1986.

JERRY L. BIDWELL, Center for Comparative Studies in the Humanities

July 10 and 11, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

(Mansfield Campus), with the title Assistant Professor Emeritus, effective July 1, 1986.

RUTH M. PAINE, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1986.

ANTHONY J. PASQUARELLO, Department of Philosophy (Mansfield Campus), with the title Assistant Professor Emeritus, effective September 1, 1986.

DONALD H. WALISER, Department of Agricultural Education, with the title Assistant Professor Emeritus, effective July 1, 1986.

KENNETH S. ZINNECKER, College of Optometry, with the title Assistant Professor Emeritus, effective July 1, 1986.

Upon motion of Mr. Immke, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTION IN MEMORIAM

Resolution No. 87-9

Synopsis: A resolution honoring the service of one of the University's faculty members who has recently died is being proposed.

RESOLVED, That the Board adopt the following Resolution in Memoriam and that the President be requested to convey a copy to the family of the deceased.

C. Gibson Scheaffer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 11, 1986, of C. Gibson Scheaffer, Assistant Professor Emeritus in the School of Journalism.

Professor Scheaffer was born on April 27, 1905. He earned his B.A. degree in 1927 from the University of Wisconsin, School of Journalism.

Professor Scheaffer joined the School of Journalism as a Lecturer in 1963 and was named Assistant Professor in 1965. A dedicated teacher, he taught the School's service courses for the Colleges of Agriculture and Home Economics as well as courses which served students in the College of Dentistry. During a brief period he served as a special assistant to President Novice G. Fawcett, primarily in the area of speech preparation.

Professor Scheaffer came to OSU after a distinguished career in publishing in New York City. He was editor-in-chief for adult books for the Grosset and Dunlap Company; a senior editor for McGraw-Hill; and a managing editor for the book division of the Ziff-Davis Publishing Company and earlier held other book and newspaper editing positions.

One of his major contributions to the School of Journalism was the development and direction of a continuing education effort of the American

July 10 and 11, 1986 meeting, Board of Trustees

RESOLUTION IN MEMORIAM (contd)

C. Gibson Scheaffer (contd)

Dental Association, a Dental Editors Seminar. During these yearly seminars, approximately 25 dental editors participated in a four-day minicourse in dental journalism. He was the program director from 1967 through 1973.

Professor Scheaffer retired and became Assistant Professor Emeritus on July 1, 1975.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 87-10

Synopsis: The reports on contracts, grants, and gifts and the summary for May 1986 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial and other agencies and alumni and various other individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of May 1986 be approved.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

President Jennings made the following statement:

Many of the items in today's report provide firm evidence of The Ohio State University's growing success in cooperative efforts with the corporate sector. I would like to take a moment to tell you about another success story.

During the next five years, Tominy Incorporated, a Cincinnati developer and supplier of data processing software development

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

President Jennings: (contd)

tools for business and industry, will give the University up to \$1.5 million worth of software, and training and maintenance materials for its newest product, named "MACH 1."

Tominy officials tell us that the MACH 1 software permits data processing systems to be developed up to five times faster than with conventional methods. The software and the systems it produces can be used on mainframe, micro- and mini-computers made by a variety of vendors.

William R. Martin, Tominy's president and chief executive officer, told me recently that Ohio State was selected to receive this gift because Tominy was extremely impressed with our forward-thinking approach to the study and development of data processing systems.

Mr. Martin feels that we share his belief in the need to focus corporate America's attention on the use of computers in truly critical business applications that facilitate business expansion and economic growth.

Ohio State assisted Tominy in the development of MACH 1 on a contract research basis. Since that time, we have maintained a strong interest in using MACH 1.

We are very enthusiastic about the possibilities of using this product in the classroom, where students should be able to develop full data processing applications within a single academic quarter. We also foresee countless uses of MACH 1 for research in a wide range of administrative applications. Certainly, it will alleviate the difficulties inherent in the variety of sizes and makes of computers needed in our diverse academic and administrative areas throughout the University.

In order to promote MACH 1's use here, a steering committee and a technical advisory committee are being organized to oversee distribution and use of the software among Ohio State faculty and staff members and students. I am pleased that the steering committee will be chaired by William P. Cheng, an Ohio State alumnus and venture capitalist from San Diego, who was instrumental in securing the Tominy gift for Ohio State.

On behalf of the University, I'm pleased to extend my thanks to Bill Martin, Bill Cheng, and Tominy's founder, Tom Richley. As a result of their commitment to Ohio State, our excellence will be further enhanced.

SUMMARY FOR MAY 1986

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	86	\$6,486,803.16
Engineering Experiment Station	54	\$ 446,896.00
Total	140	\$6,933,699.16

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MAY 1986 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The Walter H. Kidd Fund (Benefit College of Engineering)	\$ 125,329.00
The Charlotte S. Huck Children's Literature Endowment Fund (Establishment of a professorship)	\$ 29,000.00
Dow Professorship in Chemistry Fund (Establishment of a professorship)	\$ 25,000.00
Robert C. Tumbleson Scholarship Foundation (Department of Mathematics)	\$ 19,870.00
The W. B. and T. T. Stout Agricultural Economics Scholarship Fund (Scholarships)	\$ 10,200.00
The H. M. "Pete" and Velma V. Everhart Fund (Support - College of Agriculture/Scholarships - Department of Family Resource Management)	\$ 10,000.00
The William A. Behnke Associates, Inc., Minority Scholarship (Scholarships - Landscape Architecture)	\$ 6,000.00
The Dr. Harry E. Goldstein Scholarship Fund for Veterinary Medicine (Scholarships)	\$ 5,744.00
Allen County Ohio State University Association - The Ohio State University at Lima Scholarship Endowment Fund (Scholarships for students from Allen County)	\$ 5,000.00
Department of Architecture Library Endowment Fund (Purchase books on architecture)	\$ 5,000.00
Charles B. Boyles Memorial Scholarship Fund in Animal Science (Scholarships)	\$ 5,000.00
The Erie County 4-H Fund (Support the Erie County 4-H Program)	\$ 5,000.00
The L. P. McCann Memorial Scholarship Award in Animal Science (Scholarships)	\$ 5,000.00
The Earl J. Mickle Memorial Fund (Scholarships/awards - College of Mathematical and Physical Sciences)	\$ 5,000.00

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MAY 1986 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Ohio State University at Lima Faculty and Staff
Development Fund

(Development of faculty and staff - Lima Campus) \$ 5,000.00

The Ohio State University at Lima Faculty and Staff
Scholarship Fund

(Scholarships) \$ 5,000.00

Change in Description of Named Fund

The Presutti Dance Fund

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - May 1986

Federal Research Contracts/Grants

\$1,730,000.00 - Department of Labor, Employment and Training Administration, Washington, DC, National Longitudinal Surveys of Labor Market Experience - NICHD, Center for Human Resource Research (K. I. Wolpin), 17 June 1985 through 30 September 1987. (Project 764806 - Continuation)

\$539,491.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, VA, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr. and W. D. Burnside), 1 May 1986 through 30 April 1987. (Project 761608 - Continuation)

\$164,021.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Grant for Faculty Development in Family Medicine, Department of Family Medicine (L. L. Gabel), 1 July 1986 through 30 June 1987. (Project 764220 - Continuation)

\$153,744.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Preclinical Pharmacology Investigations of Antitumor Agents, College of Pharmacy (L. Malspeis), 14 April 1986 through 13 April 1987. (Project 765385 - Continuation)

\$150,751.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Oncology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1986 through 30 June 1987. (Project 761160 - Continuation)

\$146,070.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. Malarkey), 1 December 1985 through 30 November 1986. (Project 761196 - Continuation)

\$120,573.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, A Model of Parainfectious Demyelinating Encephalitis, Department of Veterinary Pathobiology (G. S. Krakowka), 1 April 1986 through 31 March 1987. (Project 762797 - Continuation)

\$120,000.00 - National Science Foundation, Washington, DC, The Spectroscopy of Chemical Intermediates and Other Transient Species, Department of Chemistry (T. A. Miller), 1 June 1986 through 31 May 1987. (Project 764814 - Continuation)

\$117,101.00 - Department of the Army, Defense Supply Service, Washington, DC, The Problem of Net Assessment in an Historical Context, Department of History (W. Murray and A. R. Millett), 25 April 1986 through 24 April 1987. (Project 765401 - New)

\$117,000.00 - National Science Foundation, Washington, DC, Glaciological and Climatological Analysis of the Past 2000 Years from Antarctic Ice Cores, Institute of Polar Studies (E. Mosley-Thompson and L. G. Thompson) and

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Department of Chemistry (T. R. Sweet), 15 July 1986 through 14 July 1987. (Project 764798 - Continuation)

\$107,688.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Predoctoral Training in Family Medicine, Department of Family Medicine (P. J. Fahey), 1 July 1986 through 30 June 1987. (Project 765400 - New)

\$99,972.00 - National Science Foundation, Washington, DC, Chloroplast DNA and the Phylogeny of North American Coreopsis (Asteraceae), Department of Botany (D. Crawford), 1 May 1986 through 31 October 1988. (Project 765376 - New)

\$97,763.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Function of the Enteric Nervous System, Department of Physiology (J. D. Wood), 1 May 1986 through 30 April 1987. (Project 765012 - Continuation)

\$96,000.00 - National Science Foundation, Washington, DC, Totally Synthetic Heme Protein Models, Department of Chemistry (D. H. Busch), 1 July 1986 through 30 June 1987. (Project 764274 - Continuation)

\$93,010.00 - National Science Foundation, Washington, DC, Gaseous and Aqueous Corrosion of Ceramics, Department of Ceramic Engineering (D. W. Readey), 1 July 1986 through 30 June 1987. (Project 765380 - Continuation)

\$79,235.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Graduate Training in Biochemical Neuropathology, Department of Physiological Chemistry (L. A. Horrocks), 1 July 1986 through 30 June 1987. (Project 760708 - Continuation)

\$76,960.00 - Department of Energy, Argonne, IL, Study of the Basis for the Competitiveness of Rhizobium japonicum in the Nodulation of Soybean, Department of Agronomy - OARDC and Department of Agronomy (W. D. Bauer), 15 May 1986 through 14 May 1987. (Project 765360 - New)

\$75,522.00 - Department of the Army, Office of Naval Research, Arlington, VA, Molecular Biology of the Extremely Thermophilic Archaeobacterium, Methanothermus fervidus, Department of Microbiology (J. N. Reeve), 1 April 1986 through 31 March 1987. (Project 765291 - New)

\$70,902.00 - Department of Energy, Argonne, IL, Generation of Microporosity in Steel Welds and Its Role in Hydrogen Attack, Department of Metallurgical Engineering (P. G. Shewmon), 1 June 1986 through 31 May 1987. (Project 764146 - Continuation)

\$70,000.00 - National Science Foundation, Washington, DC, Nucleotide Sites of Calmodulin - Dependent Protein Kinase, Department of Chemistry (M. M. King), 1 August 1986 through 31 July 1987. (Project 764892 - Continuation)

\$69,745.00 - Department of Energy, Argonne, IL, Characterization of the Organization of the Genome of Methanogens and Development of Genetic Exchange Systems for Methanococcus vannielli, Department of Microbiology (J.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

N. Reeve and J. I. Frea), 1 July 1986 through 30 June 1987. (Project 762755 - Continuation)

\$57,900.00 - National Science Foundation, Washington, DC, Single-Atom Peri-Bridged Arenes and Hetarenes: Carbonic Processes, Department of Chemistry (H. Shechter), 1 July 1986 through 30 June 1987. (Project 764751 - Continuation)

\$52,016.00 - National Aeronautics and Space Administration, Washington, DC, The Role of Acid and Calcium Gradients in Gravitropism, Department of Botany (M. L. Evans), 1 March 1986 through 28 February 1987. (Project 763005 - Continuation)

\$50,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, DC, Fatigue Crack Propagation: Probabilistic Modeling and Statistical Analysis, Department of Statistics (S. Blumenthal and P. K. Goel), 1 July 1986 through 30 June 1987. (Project 764222 - Continuation)

\$45,600.00 - National Science Foundation, Washington, DC, Separation and Detached Eddies in Rotating Stratified Flows, Department of Aeronautical and Astronautical Engineering (M. R. Foster), 15 April 1986 through 14 April 1987. (Project 764675 - Continuation)

\$35,042.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, VA, Space Station Antenna Design Studies, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 1 May 1986 through 30 April 1987. (Project 761012 - Continuation)

\$35,000.00 - National Aeronautics and Space Administration, Washington, DC, The Role of Gravity in Apical Dominance, Department of Botany (M. G. Cline), 1 May 1986 through 30 April 1987. (Project 764141 - Continuation)

\$32,286.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, DC, Strength and Structure of $GA_{1-x}In_x$ as Alloys, Department of Ceramic Engineering (K. T. Faber) and Department of Metallurgical Engineering (J. P. Hirth), 1 September 1985 through 31 August 1986. (Project 764977 - Continuation)

\$30,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, OH, UTD Scattering from Structures Including Higher Order Terms, Department of Electrical Engineering, ElectroScience Laboratory (R. J. Marhefka), 15 April 1986 through 30 September 1986. (Project 765374 - New)

\$30,000.00 - National Science Foundation, Washington, DC, Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 June 1986 through 31 May 1987. (Project 765394 - Continuation)

\$28,722.00 - National Science Foundation, Washington, DC, Problems in Harmonic Analysis Related to Weight Functions, Department of Mathematics (S. Chanillo), 1 July 1986 through 30 June 1988. (Project 765406 - New)

\$27,000.00 - Department of the Army, U.S. Army Armament, Munitions and

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Chemical Command, Dover, NJ, Department of Chemistry (L. A. Paquette), 7 May 1986 through 31 December 1986. (Project 765379 - New)

\$24,940.00 - Department of the Interior, Bureau of Mines, Pittsburgh, PA, Electromyography (EMG) Data Acquisition System, Department of Industrial and Systems Engineering (W. S. Marras), 1 April 1986 through 28 August 1986. (Project 765342 - New)

\$23,250.00 - National Science Foundation, Washington, DC, Iwasawa Invariants and p-Acid L-Functions, Department of Mathematics (W. M. Sinnott), 1 July 1986 through 30 June 1987. (Project 765405 - New)

\$21,714.00 - National Science Foundation, Washington, DC, U.S.-Industrialized Countries Exchange for Scientists and Engineers, 1986/1987 Competition, Department of Chemistry (L. J. Berliner), 1 May 1986 through 31 December 1986. (Project 765304 - New)

\$9,350.00 - National Science Foundation, Washington, DC, Structural Studies of Conducting Polymers, Department of Physics (A. J. Epstein), 1 April 1986 through 31 March 1988. (Project 765277 - New)

Computer Time - National Science Foundation, Washington, DC, Fundamental Studies in Elastohydrodynamic Lubrication, Department of Mechanical Engineering (B. J. Hamrock), 15 June 1986 through 15 June 1987. (Project 765242 - Continuation) (Approximate Dollar Value - \$14,000)

Computer Time - National Science Foundation, Washington, DC, Presidential Young Investigator Award, Department of Metallurgical Engineering (R. H. Wagoner), 1 July 1986 through 30 June 1987. (Project 764071 - Continuation) (Approximate Dollar Value - \$38,000)

TOTAL - FEDERAL AWARDS

\$4,798,368.00

State of Ohio Research Contracts/Grants

\$99,983.00 - State of Ohio, Division of Vocational and Career Education, Columbus, OH, Evaluation of Vocational Education Programs for Incarcerated Adults in Ohio, The National Center for Research in Vocational Education (R. E. Taylor), 1 May 1986 through 31 December 1986. (Project 765381 - New)

\$49,835.00 - State of Ohio, Ohio Air Quality Development Authority, Columbus, OH, Forest Soil Characterizations in Coniferous and Hardwood Forests of Ohio, Laboratory for Environmental Studies - OARDC (T. C. Weidensaul) and Research Extension Analytical Laboratory - OARDC (M. E. Watson), 1 May 1986 through 30 June 1987. (Project 765370 - New)

\$10,127.00 - State of Ohio, Department of Education, Columbus, OH, Upward Bound Summer Food Service Program, Office of Minority Affairs (J. Cruz), 16 June 1986 through 26 July 1986. (Project 765399 - New)

\$5,600.00 - State of Ohio, Department of Youth Services, Columbus, OH, Psychological Testing of Youth Committed to Department of Youth Services Institutions, Department of Human Services Education (J. Collins), 1 April 1986 through 30 June 1986. (Project 765392 - New)

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$3,505.00 - State of Ohio, Department of Natural Resources, Columbus, OH, Lima Campus and Department of Zoology (J. E. Juterbock), 7 May 1986 through 28 February 1987. (Project 765388 - New)

TOTAL - STATE OF OHIO AWARDS \$ 169,050.00

Industrial Research Contracts/Grants

\$157,000.00 - Upjohn Company, Kalamazoo, MI, Treatment of Neuroleptic Induced Akathisia with Alprazolam, Department of Psychiatry (H. A. Nasrallah and J. A. Coffman), 1 January 1986 through 31 December 1987. (Project 765384 - New)

\$85,510.00 - American Critical Care, McGaw Park, IL, A Dose Ranging Tolerance Study of the Phenytoin Prodrug in Healthy Human Volunteers: A Single Center Study (9653-86-01), Department of Pharmacology (N. Gerber), 1 May 1986 through 30 June 1987. (Project 764001 - Continuation)

\$82,800.00 - Norwich Eaton Pharmaceuticals, Inc., Norwich, NY, A Double-Blind, Placebo-Controlled, Crossover Trial to Determine the Safety, Tolerance, and Pharmacological Effect of Calcimar when Administered Directly into the Intestine, Department of Pharmacology (N. Gerber), 1 January 1986 through 31 December 1986. (Project 764001 - Continuation)

\$65,000.00 - Air Products and Chemicals, Inc., Allentown, PA, Chelate Dioxygen Carriers for Use in Facilitated Transport, Department of Chemistry (D. H. Busch), 1 February 1986 through 31 January 1987. (Project 763432 - Continuation)

\$61,700.00 - CeramPhysics, Inc., Westerville, OH, Research on High-Specific-Heat Dielectrics, Department of Physics (B. R. Patton), 1 April 1986 through 31 March 1987. (Project 765369 - New)

\$50,268.00 - Pfizer, Inc., Groton, CT, Double-Blind Four Week Multicenter Study of CP-65,703 and Piroxicam in Patients with Osteoarthritis, Department of Medicine (N. P. Hudson), 1 March 1986 through 28 February 1987. (Project 765386 - New)

\$50,000.00 - Pfizer, Inc., Groton, CT, Phase I Double-Blind, Placebo-Controlled Multiple Dose Study to Establish Safety and Pharmacokinetics of CP-63,748 (501-002), Department of Pharmacology (N. Gerber), 1 January 1985 through 30 June 1986. (Project 764001 - Continuation)

\$31,019.00 - Texas Instruments, Dallas, TX, Health Care Billing Advisor, Academic Faculty of Accounting and Management Information Systems (J. S. Cunnyngham), 4 June 1985 through 1 May 1986. (Project 765364 - New)

\$16,575.00 - Pfizer, Inc., Groton, CT, CP-65,207 Phase I Clinical Pharmacology Study, Department of Pharmacology (N. Gerber), 1 April 1986 through 31 March 1987. (Project 764001 - Continuation)

\$15,500.00 - FMC Corporation, Philadelphia, PA, Microcrystalline Cellulose Stabilized Emulsions, College of Pharmacy (S. Frank), 15 May 1986 through 14 May 1987. (Project 764077 - Continuation)

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$10,000.00 - Hoffmann-LaRoche Inc., Nutley, NJ, Ro 17-2301 in the Parenteral Therapy of Bacterial Infections, Department of Medicine (J. F. Plouffe), 1 May 1986 through 31 December 1986. (Project 763852 - Continuation)

\$9,036.00 - General Electric Company, Cleveland, OH, Forming Machine Operator--Analysis, Video Training, Design/Production, and Instructional Development, College of Education - Administration (J. J. Buffer), 1 April 1986 through 31 July 1986. (Project 765366 - New)

\$9,036.00 - General Electric Company, Cleveland, OH, Tank Furnace Operator--Analysis, Video Training, Design/Production, and Instructional Development, College of Education - Administration (J. J. Buffer), 1 April 1986 through 31 July 1986. (Project 765365 - New)

\$4,300.00 - Swan Cleaners, Inc., Columbus, OH, Swan Cleaners - Procedure, Manual Redevelopment, College of Education - Administration (J. J. Buffer), 23 April 1986 through 30 September 1986. (Project 765383 - New)

\$3,189.00 - Bristol Labs, Syracuse, NY, Survey of Biological Activity of Liposomal Bound Amikacin in Cattle Tears, Department of Veterinary Clinical Sciences (M. Wyman, J. J. Kowalski and J. Hurley), 1 December 1985 through 30 November 1986. (Project 765167 - Continuation)

\$3,000.00 - Squibb (E.R.) & Sons, Arlington Heights, IL, Outpatient Evaluation of Captopril in Treatment of Congestive Heart, Department of Family Medicine (R. M. Guthrie) and Department of Pharmacology (N. Gerber), 1 May 1986 through 31 July 1986. (Project 764001 - New)

\$1,093.00 - Agrigenetics Research Associates Limited, Boulder, CO, Isolation of Rhizobia for Soybean Seed Inoculation with Improved Competitiveness, Department of Agronomy - OARDC and Department of Agronomy (W. Bauer), 1 January 1986 through 31 December 1986. (Project 765169 - Continuation)

TOTAL - INDUSTRIAL AWARDS \$ 655,026.00

Other Non-Federal Research Contracts/Grants

\$91,500.00 - Indonesia Ministry of Education and Culture, Jakarta, Indonesia, Indonesian Visiting Scholar Program, College of Education - Administration (J. J. Buffer), 1 April 1986 through 30 November 1986. (Project 765362 - New)

\$83,684.00 - University of Wisconsin-Madison, Madison, WI, Midwest Universities Consortium for International Activities, Inc., Indonesia Program in Geodesy, Surveying, Photogrammetry and Cartography, Department of Geodetic Science and Surveying (I. I. Mueller), 1 June 1986 through 31 March 1987. (Project 765395 - New)

\$82,734.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, OH, Exemplary Dental Services for the Handicapped, Nisonger Center (E. S. Sterling), 1 July 1986 through 30 June 1987. (Project 765404 - Continuation)

\$75,188.00 - Indiana University, Bloomington, IN, Malaysia Cooperative

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Program, Department of Communication (G. Berquist), 16 August 1986 through 30 June 1987. (Project 764972 - Continuation)

\$73,166.00 - Georgia Institute of Technology, Atlanta, GA, Complementary Pressure Swing Adsorption, Department of Chemical Engineering (K. S. Knaebel), 30 March 1986 through 30 January 1987. (Project 765347 - New)

\$56,022.00 - Indiana University, Bloomington, IN, Malaysia Cooperative Program, Marion Campus and Department of Psychology (D. J. Christie), 1 August 1986 through 30 June 1987. (Project 764972 - Continuation)

\$40,000.00 - National Geographic Society, Washington, DC, A Cooperative Paleoclimatic Study of the Dundee Ice Cap, China, Institute of Polar Studies (L. G. Thompson), 1 June 1986 through 30 May 1987. (Project 765372 - New)

\$37,464.00 - American Health Assistance Foundation, Rockville, MD, Physical-Chemical Characterization of Human Coronary Arterial Calcification, Oral Biology (D. W. Foreman, Jr.), 1 June 1986 through 31 May 1987. (project 765371 - New)

\$37,100.00 - American Iron and Steel Institute, Washington, DC, Mixing and Flow Control in Slab Caster Tundishes, Department of Metallurgical Engineering (Y. Sahai), 1 May 1986 through 30 April 1987. (Project 764124 - Continuation)

\$35,000.00 - American Lung Association, New York, NY, Oxidant Injury in the Adult Respiratory Distress Syndrome (ARDS), Department of Medicine (W. B. Davis), 1 July 1986 through 30 June 1987. (Project 765375 - New)

\$30,530.00 - University of Wisconsin-Madison, Madison, Wisconsin, MUCIA Indonesia Higher Education Project, Academic Affairs Administration (D. G. McCloud), 1 May 1986 through 19 May 1987. (Project 763978 - Continuation)

\$29,200.00 - Virginia Polytechnic Institute and State University, Blacksburg, VA, The Chemical Architecture of Molecular Ferromagnets, Department of Chemistry (D. H. Busch), 16 June 1986 through 31 December 1986. (Project 763742 - Continuation)

\$27,738.00 - University of California, Lawrence Livermore National Laboratory, Livermore, CA, Department of Physics and Department of Astronomy (R. N. Boyd), 1 April 1986 through 1 July 1986. (project 765396 - New)

\$25,000.00 - Emergency Medicine Foundation, Dallas, TX, Eli Lilly Corporation/Emergency Medicine Foundation Scholar Award, Department of Preventive Medicine (C. G. Brown), 1 July 1986 through 30 June 1987. (Project 765398 - New)

\$22,475.00 - Indonesia Ministry of Education and Culture, Jakarta, Indonesia, Housing Agreement - Indonesian Visiting Scholar Program, College of Education - Administration (J. J. Buffer), 1 April 1986 through 31 March 1987. (project 765362 - New)

\$21,650.00 - United Nations, Geneva, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method,

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1985 through 30 June 1986. (Project 760113 - Continuation)

\$15,000.00 - California Institute of Technology, Pasadena, CA, Application of Nonlinear Least Squares Methods to the Analysis of Laboratory Spectra and Solar Spectra, Department of Physics (J. H. Shaw), 1 April 1986 through 31 July 1986. (Project 764155 - Continuation)

\$15,000.00 - World Health Organization, Geneva, Switzerland, Further Uses of the Murine Rotavirus Model: (1) Evaluation of Potential Vaccines and (2) Cell-Mediated Immunological Studies of EDIM Gastroenteritis, Department of Medicine (J. F. Sheridan), 1 April 1986 through 31 March 1987. (Project 764620 - Continuation)

\$14,981.00 - American Lung Association of Ohio, Columbus, OH, Pathogenesis of Non-Pulmonary Organ Failure in the Adult Respiratory Distress Syndrome, Department of Medicine (P. M. Dorinsky), 1 July 1986 through 30 June 1987. (Project 764725 - Continuation)

\$14,952.00 - American Lung Association of Ohio, Columbus, OH, Mechanisms of Lung Injury in the Adult Respiratory Distress Syndrome, Department of Medicine (J. E. Weiland), 1 July 1986 through 30 June 1987. (Project 764738 - Continuation)

\$14,498.00 - Massachusetts State Department of Education, Quincy, MA, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1986 through 30 June 1987. (Project 765403 - Continuation)

\$11,825.00 - Miami University, Oxford, OH, Relationship between Insect Diapause and Cold Hardiness, Department of Entomology (D. L. Denlinger), 1 March 1986 through 31 August 1988. (Project 765336 - Continuation)

\$4,277.16 - North Atlantic Treaty Organization, Brussels, Belgium, High Resolution Infrared Spectroscopy, Department of Physics (K. N. Rao), 28 April 1986 through 27 April 1987. (Project 764094 - Continuation)

\$3,000.00 - Washington Department of Public Instruction, Olympia, WA, National Corrections Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1986 through 31 December 1986. (Project 765109 - Continuation)

\$1,875.00 - Mississippi State University, Mississippi State, MS, Career Guidance Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1985 through 30 September 1986. (Project 765089 - Continuation)

\$500.00 - U.S. Tennis Association, Princeton, NJ, Junior Wheelchair Tennis and Sports Clinic, Recreation and Intramural Activities (M. A. Daniels), 1 May 1986 through 31 August 1986. (Project 765340 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 864,359.16

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$48,541.00 - Ohio Department of Transportation, Columbus, OH, "Evaluation of Embankments with Synthetic Reinforcements: Design of Field Measurement System," Department of Civil Engineering, 1 June 1986 through 1 December 1987. (529707)

\$2,495.00 - Ohio Department of Transportation, Columbus, OH, "Orientation Course for ODOT Summer Employment," Department of Civil Engineering, 1 April 1986 through 30 June 1986. (529705)

TOTAL - STATE SPONSORED RESEARCH \$ 51,036.00

Industrial and Other Sponsored Research and Development

\$248,949.00 - Additional funding from Battelle Columbus Labs, Columbus, OH, "Evaluate and Test Heat Pump Component Performance," Department of Mechanical Engineering, 1 June 1986 through 1 April 1987. (312858, Ext. 1)

\$54,763.00 - from 35 sponsors of 44 development projects under the direction of four engineering departments or research areas.

\$40,000.00 - AT&T Foundation, New York, NY, "Development of Graduate Courses in Manufacturing Systems and Engineering," Department of Industrial and Systems Engineering, 1 May 1986 through 30 April 1989. (529704)

\$27,200.00 - Additional funding from GE Aircraft Engine Business Group, Cincinnati, OH, "CF-80C2 Engine Test," Department of Aeronautical and Astronautical Engineering, 1 January 1, 1986 through 30 June 1986. (312819, Ext. 5)

\$(20,000.00) - Reduction in funding commitment from Babcock and Wilcox, Alliance, OH, "Selective Flocculation Process," Department of Metallurgical Engineering, Division of Mining. Project completion date remains June 30, 1986. (312840)

\$16,000.00 - Gemini Technologies, Inc., South Bend, IN, "Model Testing," Department of Aeronautical and Astronautical Engineering, 2 May 1986 through 30 June 1986. (312874)

\$14,500.00 - GE Aircraft Engine Business Group, Cincinnati, OH, "Mechanisms of Particulate Inhibitor Oxidation Resistance in Carbon-Carbon Composites," Department of Ceramic Engineering, 1 June 1986 through 31 August 1986. (529708)

\$11,895.00 - Assurance Technical Services, Inc., Columbus, OH, "Testing of Solenoid Valves," Department of Mechanical Engineering, 7 April 1986 through 30 June 1986. (312875)

\$2,553.00 - Copeland Corporation, Sidney, OH, "Laser Welding Development," Department of Welding Engineering, 22 May 1986 through 30 June 1986. (312876)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 395,860.00

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Walter H. Kidd Fund

The Walter H. Kidd Fund was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Walter H. Kidd, Bachelor of Architectural Engineering '29.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for the benefit of the College of Engineering for any purpose relating thereto as the Dean of the College of Engineering shall determine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education.

The Charlotte S. Huck Children's Literature Endowment Fund

The Charlotte S. Huck Children's Literature Endowment Fund was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends of Charlotte S. Huck, Professor, at the time of her retirement.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income and additional gifts shall be added to the fund's principal until such time as the principal reaches \$500,000 and is sufficient to establish THE CHARLOTTE S. HUCK PROFESSORSHIP IN CHILDREN'S LITERATURE. At that time, the annual income shall be used to support the work of a distinguished professor in the area of children's literature. Appointment to the professorship will be recommended by the Dean of the College of Education.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for children's literature.

Dow Professorship in Chemistry Fund

The Dow Professorship in Chemistry Fund was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Dow Professorship in Chemistry Fund (contd)

State University Development Fund from The Dow Chemical Company of Midland, Michigan, alumni and friends.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income and additional gifts shall be added to the fund's principal until such time as the principal reaches \$250,000 and is sufficient to establish THE DOW PROFESSORSHIP IN CHEMISTRY. At that time, the annual income shall be used to provide salary and program support for a distinguished faculty member in the Department of Chemistry. The Dow Professor of Chemistry will teach and conduct research in chemistry related to materials science. Appointment to the professorship will be recommended by the Dean of the College of Mathematical and Physical Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for materials science education.

Robert C. Tumbleson Scholarship Foundation

The Robert C. Tumbleson Scholarship Foundation was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Ruth L. Tumbleson, B.S.Bus.Adm. '31, in memory of her husband, Robert C. Tumbleson, B.A., Mathematics '34.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for scholarship awards to worthy students in the Department of Mathematics in the College of Mathematical and Physical Sciences. Selection of the award recipients shall be made by the University Committee on Student Financial Aid from nominees submitted by the Chairperson in the Department of Mathematics in consultation with the Dean of the College of Mathematical and Physical Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the teaching of mathematics at the University.

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The W. B. and T. T. Stout Agricultural Economics Scholarship Fund

The W. B. and T. T. Stout Agricultural Economics Scholarship Fund was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mrs. Maude Taylor Stout, B.S., Soc. Administration '23; Dr. Whitney B. Stout, B.S.Agr.E. '22, M.S., Agricultural Economics '28, Ph.D., Agricultural Economics '30, and a member of the faculty from 1930 to 1931; and Dr. Thomas T. Stout, B.S., Agronomy '52, M.S., Agricultural Economics '53, Ph.D., Agricultural Economics '56, and a member of the faculty from 1961 to the present.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships for students who have declared Agricultural Economics as their major course of study and who have demonstrated above average academic performance and/or need for financial assistance. The selection of the recipient(s) is to be made upon the recommendation of the Dean of the College of Agriculture in cooperation with the Chairperson of the Department of Agriculture Economics and the University Committee on Student Financial Aid. For as long as Dr. T. T. Stout is an active member of the faculty of The Ohio State University, the awards shall be known as the W. B. Stout Scholarship. Upon Dr. T. T. Stout's retirement, or his written instruction, the name of this award shall be changed to reflect the broader base of contributions to this fund by the Stout Family. At that time an additional annual award shall be established to support research and graduate study in Agricultural Marketing. Any annual income not spent shall be returned to the principal of this endowment. Should the discipline of Agricultural Economics ever be administratively combined with Economics or any other academic unit at The Ohio State University, this award shall be restricted to those students who are specializing in the study of Agricultural Economics and the recipients shall be selected under the criteria outlined above.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for Agricultural Economics.

The H. M. "Pete" and Velma V. Everhart Fund

The H. M. "Pete" and Velma V. Everhart Fund was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from H. M. "Pete" Everhart, B.S.Agr. '38, and Velma V. Everhart, B.S.H.E. '38, M.S., Home Economics '54, of Circleville, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The H. M. "Pete" and Velma V. Everhart Fund (contd)

State University, with the right to invest and reinvest as occasion dictates.

One-half of the annual income shall be used to support the College of Agriculture Livestock Judging Team. The other one-half of the annual income shall be used to provide a scholarship for an undergraduate student in the Department of Family Resource Management, College of Home Economics. Preference will be given to students with an interest in home furnishings or housing. Second preference will be given to a member of Phi Upsilon Omicron.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the Dean of the College of Home Economics and the Dean of the College of Agriculture.

**The William A. Behnke Associates, Inc.,
Minority Scholarship**

The William A. Behnke Associates, Inc., Minority Scholarship was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from William A. Behnke, B.Land.Arch. '51, and friends.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund The William A. Behnke Associates, Inc., Minority Scholarship. The award shall be restricted to either students enrolled in Landscape Architecture or high school seniors who plan to major in Landscape Architecture at The Ohio State University and are representative of officially recognized minority groups. The scholarship, when awarded, shall be granted to individuals who have at least one additional year of academic work to complete. William A. Behnke Associates, Inc., will be offered the opportunity of representation on the selection committee each year. In special cases, the award can be renewed.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the teaching of landscape architecture at the University.

**The Dr. Harry E. Goldstein Scholarship Fund
for Veterinary Medicine**

The Dr. Harry E. Goldstein Scholarship Fund for Veterinary Medicine was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**The Dr. Harry E. Goldstein Scholarship Fund
for Veterinary Medicine (contd)**

friends and colleagues of Dr. Harry E. Goldstein, D.V.M. '46.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship funds to students in the College of Veterinary Medicine. Selection of the award recipients shall be made by the University Committee on Student Financial Aid and approved by the Dean of the College of Veterinary Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the teaching of veterinary medicine at the University.

**Allen County Ohio State University Association -
The Ohio State University at Lima Scholarship Endowment Fund**

The Allen County Ohio State University Association - The Ohio State University at Lima Scholarship Endowment Fund was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Allen County Ohio State University Alumni Club.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to students of academic merit who reside in Allen County and attend The Ohio State University at Lima. Selection of the recipient(s) shall be made by the Dean and Director of The Ohio State University at Lima with recommendations by the Financial Aids Officer and the Allen County Ohio State University Alumni Club Scholarship Committee in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for OSU Lima.

Department of Architecture Library Endowment Fund

The Department of Architecture Library Endowment Fund was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Department of Architecture Library Endowment Fund (contd)

to The Ohio State University Development Fund from the family, staff and friends of the Department of Architecture.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income shall be used for the purchase of books on architecture, in support of the School of Architecture's library collection. Selections will be determined jointly with the departmental library committee and/or the Architecture Department Chairperson and the Architecture Librarian. The University Libraries will be responsible for the encumbrance and expenditures of the fund's annual income. The fund shall be administered according to policies agreed upon by the University Libraries and the Department of Architecture.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the architecture library collection.

**Charles B. Boyles Memorial Scholarship Fund
in Animal Science**

The Charles B. Boyles Memorial Scholarship Fund in Animal Science was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from relatives and friends of the late Charles B. Boyles.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships for students from Ohio and adjoining states (with preference to students from Ohio and West Virginia) who have been admitted to their freshman year of study in Animal Science. The amount of each award in any one year is to be determined by the Department of Animal Science Scholarship Committee in consultation with the University Committee on Student Financial Aid. An appropriate sum of the annual income may be utilized in support of a luncheon or dinner for Mrs. Charles B. Boyles and/or her family representative to meet with scholarship recipients. Criteria for the selection of recipients shall include those qualities which were so admirably demonstrated by Charles Boyles throughout his life: integrity, morality, service to his fellow man, high scholarship, and steadfast dedication to the livestock industry. Students selected for a Charles B. Boyles Freshman Scholarship may be provided a similar award for their sophomore year of studies provided their academic and extra-curricular activity records during their freshman year are sufficiently meritorious to warrant such consideration.

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**Charles B. Boyles Memorial Scholarship Fund
in Animal Science (contd)**

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the teaching of animal science at the University.

The Erie County 4-H Fund

The Erie County 4-H Fund was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Erie County 4-H Committee and other friends of the Erie County 4-H Program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Erie County 4-H Program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members, volunteer leaders and friends of 4-H; sponsoring seminars and programs; and purchasing material or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Erie County. All expenditures from this fund shall be approved by the Erie County 4-H Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Ohio Cooperative Extension Service.

**The L.P. McCann Memorial Scholarship Award
In Animal Science**

The L.P. McCann Memorial Scholarship Award in Animal Science was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends of L.P. McCann, B.S.Agr. '15.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships for students who have been admitted as freshmen for the study of Animal Science with intended career in research, education, farming, ranching, or other type of business or industry associated with beef cattle. Preference will be given to

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The L.P. McCann Memorial Scholarship Award
In Animal Science (contd)

students who have background and/or experience working with the Hereford breed of cattle. Scholarships may be awarded for the sophomore or junior years if a student makes an unusually strong contribution to activities of the Saddle and Sirloin Club while at the same time maintaining a 3.0, or better, grade point average throughout his/her previous year(s) at Ohio State. Determination of the amount and number of award(s) to be presented annually shall be made by the Scholarship Committee of the Department of Animal Science in consultation with the Assistant Dean for Student Affairs in the College of Agriculture and the University Committee on Student Financial Aid. An appropriate sum of the annual income may be utilized to defray the cost of a luncheon or dinner to which a member, or members, of the Leo P. McCann family may be invited, and for purchase of mementos to be presented to each scholarship recipient.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the teaching of animal science at the University.

The Earl J. Mickle Memorial Fund

The Earl J. Mickle Memorial Fund was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family and friends in memory of Earl J. Mickle, Professor Emeritus of Mathematics, College of Mathematical and Physical Sciences, M.A., Mathematics '39; Ph.D., Mathematics '41.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide merit-based scholarship and/or fellowship awards to students enrolled in the College of Mathematical and Physical Sciences. Selection of the mathematic major award recipients shall be made by the Chairperson of the Department of Mathematics in consultation with the Dean of the College of Mathematical and Physical Sciences and the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the teaching of mathematics at the University.

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Ohio State University at Lima
Faculty and Staff Development Fund

The Ohio State University at Lima Faculty and Staff Development Fund was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the faculty and staff of The Ohio State University at Lima.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for the development of the faculty and staff of The Ohio State University at Lima. Disbursement of funds and selection of projects and programs shall be at the discretion of the Dean and Director of The Ohio State University at Lima with recommendations by the faculty and staff.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for OSU Lima.

The Ohio State University at Lima
Faculty and Staff Scholarship Fund

The Ohio State University at Lima Faculty and Staff Scholarship Fund was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the faculty and staff of The Ohio State University at Lima.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to students displaying academic excellence who attend The Ohio State University at Lima. Selection of the recipient(s) shall be made by the Dean and Director of The Ohio State University at Lima with recommendations by the Financial Aids Officer and the faculty and staff of OSU Lima.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for OSU Lima.

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Fund

The Presutti Dance Fund

The Presutti Dance Fund was established April 4, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. John R. (B.S., Biological Sciences '56, M.D. '60) and Mrs. Janet P. Madison (B.S.Ed. '58, M.A., Physical Education '65), in memory of Mrs. Lucy E. Presutti. The description was changed July 11, 1986.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used at the discretion of the Chairperson of the Department of Dance in consultation with appropriate dance faculty, and with the approval of the Dean of the College of The Arts.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the academic programs in Dance.

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**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND
REQUEST FOR CONSTRUCTION BIDS
PROJECTS FUNDED BY SUBSTITUTE HOUSE BILL 870**

Resolution No. 87-11

Synopsis: Authorization to employ architectural/engineering firms and request construction bids for projects approved for The Ohio State University in Substitute House Bill 870 is proposed.

WHEREAS Substitute House Bill 870 (the 1986-88 capital appropriations bill), enacted by the 116th General Assembly, includes funds for several projects for The Ohio State University Columbus Campus and Regional Campuses; and

WHEREAS the following projects for The Ohio State University currently are planned from funds included in this capital appropriations bill:

LINE ITEM PROJECTS

Brown Hall Annex Replacement

Hamilton Hall Renovation (Construction only; planning funds in the amount of \$400,000 were previously appropriated in Amended Substitute H. B. 552)

Northwood School

Pike County Agricultural Research and Extension Education Center

Sullivant Hall Renovation

July 10 and 11, 1986 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECTS/ENGINEERS AND
REQUEST FOR CONSTRUCTION BIDS
PROJECTS FUNDED BY SUBSTITUTE HOUSE BILL 870 (contd)**

UTILITIES AND RENOVATION PROJECTS

Agriculture Facilities Renovation
Campbell Hall Laboratory Remodeling
Classroom Renovation
Electrical Distribution System Improvements
Enarson Hall Electrical System (formerly Student Services Building)
Hitchcock Hall Air Handling System
Johnston Laboratory Renovation
Journalism Building Renovation
Kottman Hall - Biotechnology Laboratory Remodeling
Larkins Hall Renovation
Lord/Hopkins Hall Improvements
Newton Hall Renovation
PCB Transformer Replacements
Postle Hall Renovations
Poultry Science Sanitary Sewer
Pressey Hall Remodeling - Phase I
Put-in-Bay Campus Facilities Improvements
Regional Campus Improvements (Mansfield, Lima, Newark, Marion)
Robinson Laboratory Renovation
Robinson Laboratory Roof Replacement
Storm/Sanitary Sewer Separation (Planning only)
Street Improvements
Veterinary Hospital Improvements
Veterinary Hospital, Upgrading Lab Animal Facilities Renovation

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select qualified architectural/engineering firms for these projects in conjunction with the Department of Administrative Services, and that the fees for these services be negotiated between the firms selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on these projects in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Teafor, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
BIOTECHNOLOGY CENTER - PHASE I RIGHTMIRE HALL**

Resolution No. 87-12

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

July 10 and 11, 1986 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
BIOTECHNOLOGY CENTER - PHASE I RIGHTMIRE HALL (contd)**

WHEREAS a major Biotechnology Center will be established at The Ohio State University; and

WHEREAS Phase I of this project involves remodeling a portion of the second floor of Rightmire Hall to provide office and administrative space, research laboratory space, and spaces for certain research laboratory services critical to the initial establishment of the Center; and

WHEREAS \$850,000.00 will be made available from University funds for Phase I of this project, of which \$680,000.00 is estimated for construction:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select a qualified architectural/engineering firm for this project in conjunction with the Department of Administrative Services, and that the fees for this architectural/engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works.

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
OARDC SUPPORT FACILITIES - BARN REPLACEMENT
THE OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER**

Resolution No. 87-13

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS this project involves the replacement of a two-story bank barn, attached sheds, and contents lost in a barn fire at OARDC property in Wooster, Ohio, in November 1985; and

WHEREAS the major elements of this replacement include storage buildings, a sheep housing building, a new silo, a 15-ton capacity feed storage bin, equipment repair and replacement, and a clean-up of the fire site; and

WHEREAS \$500,000.00 will be made available from insurance proceeds and University funds for this project, of which \$419,000.00 is estimated for construction:

NOW THEREFORE

July 10 and 11, 1986 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
OARDC SUPPORT FACILITIES - BARN REPLACEMENT
THE OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select a qualified architectural/engineering firm for this project in conjunction with established University procedures.

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to award construction contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Barone, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REQUEST FOR CONSTRUCTION BIDS AND
ESTIMATE OF COST-FUNDING
HITCHCOCK HALL - AIR SYSTEM MODIFICATIONS

Resolution No. 87-14

Synopsis: Authorization to request construction bids is proposed.

WHEREAS the plans and specifications for this project have been completed and reviewed by the appropriate administrative officials, it is the recommendation of the President that the Board of Trustees authorize the request for construction bids.

Project: Modification of existing air handling system in the second floor, front portion of Hitchcock Hall to provide energy efficiency, and eliminate extensive repairs and excessive equipment operation.

A portion of Substitute House Bill 870 includes a project entitled "Hitchcock Hall - Air Handling System." That project will provide for the installation of an air conditioning system to the second floor rear section of Hitchcock Hall which currently has no air conditioning.

Funding: University Funds (B/A 210134)

Estimated Construction Cost: \$165,000.00

Estimated Project Cost: \$180,000.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials and estimates of cost be approved, that the President and/or Vice President for Business and Administration be authorized to request construction bids on this project for The Ohio State University in accordance with established

July 10 and 11, 1986 meeting, Board of Trustees

**REQUEST FOR CONSTRUCTION BIDS AND
ESTIMATE OF COST-FUNDING
HITCHCOCK HALL - AIR SYSTEM MODIFICATIONS (contd)**

University procedures, and if satisfactory bids are received to award construction contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Ms. Casto, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 87-15

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

MULTI-SPORT COMPLEX

Description: This project provides for the expansion of the Biggs Athletic Training Facility to approximately double its present size. This will include an all weather multi-sport practice facility, improved and expanded locker rooms, shower rooms, coaches' rooms, training room, doctors' examining rooms, meeting rooms, a new improved weight room and an equipment issue room. Construction is scheduled to begin in August 1986 and be completed in September 1987.

General Contract

Date Received:	June 11, 1986
No. of Bids:	6
Low Bid:	\$ 7,074,000.00*+
High Bid:	\$ 7,718,300.00*
Estimate of Cost:	\$ 6,181,147.00*
Awarded to:	Peterson Construction, Wapakoneta, OH

*Recommended alternates reflected in these figures.

+General Contract is in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MULTI-SPORT COMPLEX (contd)

Plumbing Contract

Date Received:	June 11, 1986
No. of Bids:	5
Low Bid:	\$ 230,053.00*
High Bid:	\$ 312,900.00*
Estimate of Cost:	\$ 280,295.00*
Awarded to:	ATF Sheet Metal, Columbus, OH

HVAC Contract

Date Received:	June 11, 1986
No. of Bids:	6
Low Bid:	\$ 1,260,277.00*
High Bid:	\$ 1,501,800.00*
Estimate of Cost:	\$ 1,587,030.00*
Awarded to:	ATF Sheet Metal, Columbus, OH

Electric Contract

Date Received:	June 11, 1986
No. of Bids:	6
Low Bid:	\$ 621,800.00*
High Bid:	\$ 834,000.00*
Estimate of Cost:	\$ 768,451.00*
Awarded to:	Buckeye Electric, Dayton, OH

Fire Protection Contract

Date Received:	June 11, 1986
No. of Bids:	3
Low Bid:	\$ 72,592.00
High Bid:	\$ 93,327.00
Estimate of Cost:	\$ 108,100.00

*Recommended alternates reflected in these figures.

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MULTI-SPORT COMPLEX (contd)

Fire Protection Contract (contd)

Awarded to:	Capital Fire Protection Co., Columbus, OH
Total All Contracts:	\$ 9,258,722.00*
Total Contingency Allowance:	\$ 242,107.40 (which is 3 percent of construction cost)
Total Project Cost:	\$10,600,000.00*
Funding:	University Funds

*Recommended alternates reflected in these figures.

NEW AGRONOMY FARM PHASE III - SERVICE BUILDINGS
THE OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Description: This portion of the project involves the construction of a pole-type building, and a service building at Wooster, Ohio. The pole-type building will provide storage space for farm machinery and agronomy supplies used in the operation of the farm, and the service building will provide a farm office and work shop area together with processing areas for various types of agronomy research. Construction is scheduled to begin July 1986 and is expected to be completed in the spring of 1987.

General Contract

Date Received:	May 7, 1986
Low Bid:	\$ 298,160.00*
High Bid:	\$ 368,580.00*
Estimate of Cost:	\$ 364,748.00*
Awarded to:	Ben D. Imhoff Inc., Orrville, OH

Plumbing Contract

Date Received:	May 7, 1986
No. of Bids:	4
Low Bid:	\$ 31,272.00*
High Bid:	\$ 42,323.00*
Estimate of Cost:	\$ 43,500.00*
Awarded to:	Schmid Plumbing & Heating, Wooster, OH

*Recommended alternates reflected in these figures.

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

NEW AGRONOMY FARM PHASE III - SERVICE BUILDINGS
THE OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

HVAC Contract

Date Received:	May 7, 1986
No. of Bids:	2
Low Bid:	\$ 13,890.00
High Bid:	\$ 18,748.00
Estimate of Cost:	\$ 21,935.00
Awarded to:	Guenther Plumbing & Heating, Ashland, OH

Electric Contract

Date Received:	May 7, 1986
No. of Bids:	5
Low Bid:	\$ 34,525.00*
High Bid:	\$ 56,100.00*
Estimate of Cost:	\$ 46,220.00*
Awarded to:	Dalrymple Construction Co., Wooster, OH

Submersible Pump Contract

Date Received:	May 7, 1986
No. of Bids:	2
Low Bid:	\$ 14,125.00
High Bid:	\$ 16,496.00
Estimate of Cost:	\$ 15,660.00
Awarded to:	Frontz Drilling Co., Wooster, OH

Total All Contracts: \$391,972.00*

Total Contingency Allowance: \$ 19,849.15 (which is 5 percent of construction costs)

Total Project Cost: \$420,500.00*

Funding: S.B. 381

*Recommended alternates reflected in these figures.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

CLASSROOM IMPROVEMENTS - PHASE IV

Description: This project continues the program of upgrading classrooms and lecture halls, including improved lighting, audio/visual systems, television monitors, new chalkboards, and general refurbishing. The buildings involved in this phase are Smith Laboratory, Evans Laboratory, and Ramseyer Hall. Construction is scheduled to begin August 1986 and expected to be completed in the Spring of 1987.

General Contract

Date Received:	June 3, 1986
No. of Bids:	2
Low Bid:	\$117,355.00
High Bid:	\$132,960.00
Estimate of Cost:	\$194,125.00
Awarded to:	Functional Development Inc., Worthington, OH

HVAC/Plumbing Contract

Date Received:	June 3, 1986
No. of Bids:	3
Low Bid:	\$ 21,300.00
High Bid:	\$ 28,626.00
Estimate of Cost:	\$ 24,550.00
Awarded to:	Radico, Inc., Columbus, OH

Electric Contract

Date Received:	June 3, 1986
No. of Bids:	2
Low Bid:	\$102,515.00+
High Bid:	\$104,787.00
Estimate of Cost:	\$ 74,250.00
Awarded to:	States Electric Co., Columbus, OH

+Electric Contract is in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CLASSROOM IMPROVEMENTS - PHASE IV (contd)

Total All Contracts:	\$241,170.00
Total Contingency Allowance:	\$ 18,419.24 (which is 7.6 percent of construction costs)
Total Project Cost:	\$325,000.00
Funding:	H.B. 798

CIVIL AND AERONAUTICAL ENGINEERING BUILDING
COMPUTER LABORATORY REMODELING

Description: This remodeling project will provide more efficient utilization of space and incorporate a new computer learning laboratory with approximately 100 computer stations. Construction is expected to begin in August 1986 and be completed in February 1987.

General Contract

Date Received:	June 10, 1986
No. of Bids:	5
Low Bid:	\$ 75,299.00*
High Bid:	\$ 92,500.00*
Estimate of Cost:	\$ 90,570.00*
Awarded to:	Ed Ross Construction Co., Westerville, OH

HVAC/Plumbing Contract

Date Received:	June 10, 1986
No. of Bids:	3
Low Bid:	\$ 57,400.00*
High Bid:	\$ 67,100.00*
Estimate of Cost:	\$126,430.00*
Awarded to:	Farber Corporation, Columbus, OH

Electric Contract

Date Received:	June 10, 1986
No. of Bids:	3

*Recommended alternates reflected in these figures.

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CIVIL AND AERONAUTICAL ENGINEERING BUILDING
COMPUTER LABORATORY REMODELING (contd)

Electric Contract (contd)

Low Bid:	\$ 77,352.00*+
High Bid:	\$ 99,348.00*
Estimate of Cost:	\$ 68,000.00*
Awarded to:	B. S. Contractors, Inc., Columbus, OH
Total All Contracts:	\$210,051.00*
Total Contingency Allowance:	\$ 17,147.98 (which is 8 percent of construction costs)
Total Project Cost:	\$268,000.00*
Funding:	H.B. 798

*Recommended alternates reflected in these figures.

+Electric Contract is in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

BIOLOGICAL SCIENCES BUILDING - ROOF REPLACEMENT

Description: This project provides for the replacement of the old, deteriorated roof with a new roof system. Construction is scheduled to begin in August 1986 and be completed within ninety days.

General Contract

Date Received:	June 17, 1986
No. of Bids:	4
Low Bid:	\$125,776.00
High Bid:	\$299,177.00
Estimate of Cost:	\$123,000.00
Awarded to:	Industrial First/Bright Co., Columbus, OH
Total All Contracts:	\$125,776.00
Total Contingency Allowance:	\$ 10,074.00 (which is 8 percent of construction costs)
Total Project Cost:	\$137,350.00
Funding:	University Funds (B/A 210134)

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

DOAN HALL, SEVENTH FLOOR WEST - NURSERY RENOVATION

Description: This project provides for the remodeling of an area on the seventh floor of Doan Hall to accommodate 14 rooming-in obstetrical patients and a 16 bassinet nursery with adjacent utility services. Construction is scheduled to begin in August 1986 and is expected to be completed in February 1987.

General Contract

Date Received:	June 10, 1986
No. of Bids:	3
Low Bid:	\$54,289.00*
High Bid:	\$65,381.00*
Estimate of Cost:	\$61,077.00*
Awarded to:	Ed Ross Construction, Westerville, OH

Plumbing Contract

Date Received:	June 10, 1986
No. of Bids:	4
Low Bid:	\$18,950.00
High Bid:	\$34,000.00
Estimate of Cost:	\$36,516.00
Awarded to:	Rayco Mechanical, Lancaster, OH

HVAC Contract

Date Received:	June 10, 1986
No. of Bids:	3
Low Bid:	\$19,000.00
High Bid:	\$19,900.00
Estimate of Cost:	\$19,000.00
Awarded to:	Radico, Inc., Columbus, OH

Electric Contract

Date Received:	June 10, 1986
No. of Bids:	2

*Recommended alternates reflected in these figures.

July 10 and 11, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

DOAN HALL, SEVENTH FLOOR WEST - NURSERY RENOVATION (contd)

Electric Contract (contd)

Low Bid:	\$ 12,031.00
High Bid:	\$ 12,173.00
Estimate of Cost:	\$ 18,500.00
Awarded to:	States Electric, Columbus, OH
Total All Contracts:	\$104,270.00*
Total Contingency Allowance:	\$ 9,278.10 (which is 8.8 percent of construction costs)
Total Project Cost:	\$125,000.00*
Funding:	University Hospitals Funds

*Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PURCHASE OF REAL PROPERTY
228-230 and 234 WEST TENTH AVENUE
COLUMBUS, OHIO

Resolution No. 87-16

Synopsis: Purchase of real property at 228-230 and 234 West Tenth Avenue in Columbus, Ohio, is proposed.

WHEREAS The Ohio State University has been presented with an opportunity to purchase two adjoining lots comprising 0.33 acres at 228-230 and 234 West Tenth Avenue in Columbus, Ohio; and

WHEREAS this property has an appraised value of \$136,000.00, and the owners, Mr. and Mrs. Albert J. DeSantis of Columbus, Ohio, have offered to sell the property to the University at a price of \$137,000.00; and

WHEREAS this property is located within the south campus acquisition boundary of the University's Master Plan, and the acquisition of this property will enable the University to improve access to the Eleventh Avenue Parking Ramp and provide additional parking in the south campus area; and

July 10 and 11, 1986 meeting, Board of Trustees

**PURCHASE OF REAL PROPERTY
228-230 and 234 WEST TENTH AVENUE
COLUMBUS, OHIO (contd)**

WHEREAS the appropriate University officers have determined that the purchase of this property is in the best interest of the University; and

WHEREAS funds for the purchase of this property will be provided from University funds resulting from the previous sale of south campus properties outside the acquisition boundary:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to take such action necessary to purchase, in the name of the State of Ohio for the use of The Ohio State University, the real property located at 228-230 and 234 West Tenth Avenue at a price not to exceed \$137,000.00 and upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mr. Teaford, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**LEASE AND DEVELOPMENT OF LAND
CHILD CARE CENTER
ACKERMAN ROAD, COLUMBUS, OHIO**

Resolution No. 87-17

Synopsis: Lease of land on Ackerman Road for the construction and leaseback of a Child Care Center is proposed.

WHEREAS there is a need to construct a new building, with access roads, a playground, and a parking area, to house the University's Child Care Program on the campus and meet the program's present and anticipated space needs; and

WHEREAS on February 7, 1986, the Board of Trustees authorized the University to solicit competitive proposals for the development of this facility, whereby the University would lease land to a developer for the construction and leaseback of a 33,000 square foot building designed to meet the needs of up to 300 children aged 2 months to 5 years, with additional outdoor playground space, food service facilities, and administrative support areas, with title to these facilities to pass to the University at the expiration of an 18-year lease; and

WHEREAS based on the proposals received, the University is negotiating a lease agreement with Taggart, Marryott, Reardon Company/Target Construction Company Leadership Group, Inc., (TMR/Target), and its assignee, under which TMR/Target will develop, construct, finance by certificates of participation, and lease back to the University this facility; and

WHEREAS the appropriate University offices are in agreement as to the desirability of the lease and development of land for this purpose:

NOW THEREFORE

July 10 and 11, 1986 meeting, Board of Trustees

**LEASE AND DEVELOPMENT OF LAND
CHILD CARE CENTER
ACKERMAN ROAD, COLUMBUS, OHIO (contd)**

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to negotiate the terms of the proposed lease of land to, and the subsequent leaseback of the Child Care Center from, TMR/Target, and/or its assignee and to develop and execute the necessary legal instruments for the lease of land, and the subsequent leaseback of this facility, and such other documents as are necessary or desirable to facilitate this transaction and the financing contemplated thereby.

Upon motion of Mr. Redman, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**LEASE AND DEVELOPMENT OF LAND
STORES AND RECEIVING FACILITY
KENNY ROAD, COLUMBUS, OHIO**

Resolution No. 87-18

Synopsis: Lease of land on Kenny Road for the construction and leaseback of a Stores and Receiving Facility is proposed.

WHEREAS there is a need for the construction of a new facility to house the University's present Stores and Receiving Department, to be located north of the existing Service Building Annex in the University Services Center on Kenny Road; and

WHEREAS this facility will contain a receiving dock and enclosed shipping dock, a service counter for on-campus customers, a short-term parking area for customers, sales representatives, maintenance and service personnel, and other visitors, and storage capacity for over 4,000 different stock items used by the University; and

WHEREAS on February 7, 1986, the Board of Trustees authorized the University to solicit competitive proposals for the development of the facility, whereby the University would lease land to a developer for the construction and leaseback of a Stores and Receiving Facility of approximately 100,000 square feet, with title to these facilities to pass to the University at the expiration of an 18-year lease; and

WHEREAS based on the proposals received, the University is negotiating a lease agreement with DBS Development Company, and its assignee, under which DBS Development Company will develop, construct, finance through certificates of participation, and lease back to the University this facility; and

WHEREAS the appropriate University offices are in agreement as to the desirability of the lease and development of land for this purpose:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to negotiate the terms of the proposed lease of land to, and the subsequent leaseback of the Stores and Receiving Facility from, DBS Development Company, and/or its assignee, and to develop and

July 10 and 11, 1986 meeting, Board of Trustees

**LEASE AND DEVELOPMENT OF LAND
STORES AND RECEIVING FACILITY
KENNY ROAD, COLUMBUS, OHIO (contd)**

execute the necessary legal instruments for the lease of land, the subsequent leaseback of this facility, and such other instruments as are necessary or desirable to facilitate this transaction and the financing contemplated thereby.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT
OHIO POWER COMPANY
LIMA REGIONAL CAMPUS**

Resolution No. 87-19

Synopsis: Renewal of an electric service easement to the Ohio Power Company on the Lima Regional Campus is proposed.

WHEREAS in 1970 the University granted to the Ohio Power Company a 15-year easement consisting of a strip of land 15 feet in width and 5,000 feet in a southerly direction and 5,400 feet in a westerly direction for the purpose of maintaining electric service; and

WHEREAS this easement has expired and the Ohio Power Company has requested a renewal of the easement for a period of 15 years; and

WHEREAS the electric service easement will serve only University property; and

WHEREAS the appropriate University offices have recommended the renewal of this easement:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT
BUCKEYE PIPELINE COMPANY
LIMA REGIONAL CAMPUS**

Resolution No. 87-20

Synopsis: Renewal of a gas pipeline easement on the Lima Regional Campus is proposed.

WHEREAS in 1970 the University granted to Buckeye Pipeline Company a 15-year

July 10 and 11, 1986 meeting, Board of Trustees

**EASEMENT
BUCKEYE PIPELINE COMPANY
LIMA REGIONAL CAMPUS (contd)**

easement consisting of a strip of land 60 feet in width and approximately 2,365 feet in length for the purpose of maintaining a gas pipeline; and

WHEREAS this easement has expired and Buckeye Pipeline Company has requested a 15-year renewal of the easement for continued maintenance of the gas lines; and

WHEREAS this easement will serve both University property and others and the University will receive a fee of \$2,946 for this easement; and

WHEREAS the appropriate University offices have recommended the renewal of this easement:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Redman, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**COMPLIANCE WITH REGULATIONS OF THE
OHIO PUBLIC FACILITIES COMMISSION**

Resolution No. 87-21

Synopsis: Authorization for designated officials to submit required documentation to the Ohio Public Facilities Commission and to certify compliance with the Commission's regulations is requested.

WHEREAS pursuant to Chapter 154 of the Revised Code and the regulations of the Ohio Public Facilities Commission, each State institution of higher education, to which funds are appropriated in Substitute House Bill 870 enacted by the 116th General Assembly, is required to authorize a designated official to sign and submit to the Ohio Public Facilities Commission documentation required with respect to the individual projects for which funds are appropriated; and

WHEREAS in submitting this documentation each institution is required to permit the Commission to use designated institutional sites for the purpose of these projects and to agree to undertake the performance of the functions and responsibilities of a using governmental agency as provided in the Commission's regulations with respect to such projects:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to complete, sign and submit to the Ohio Public Facilities Commission documentation required by the Commission for any or all of the projects for The Ohio State University provided for or pursuant

July 10 and 11, 1986 meeting, Board of Trustees

**COMPLIANCE WITH REGULATIONS OF THE
OHIO PUBLIC FACILITIES COMMISSION (contd)**

to the appropriations made under Section 8 of Substitute House Bill 870 enacted by the 116th General Assembly; and

BE IT FURTHER RESOLVED, That this Board agrees to permit the Ohio Public Facilities Commission to use designated University sites for the purpose of such projects, the boundaries of which will be shown in the plans for such projects, for so long as the respective notes, if any, and bonds issued to finance the projects shall be outstanding; and

BE IT FURTHER RESOLVED, That this Board agrees to undertake performance of the functions and responsibilities of a using governmental agency and of a designated governmental agency to the extent it is such as provided in the regulations of the Ohio Public Facilities Commission and any applicable leases, agreements, or rules of the Commission with respect to such projects.

Upon motion of Mr. Redman, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
SERIES 1986 A, OF THE OHIO STATE UNIVERSITY**

Resolution No. 87-22

Synopsis: Providing for the authorization, issuance and sale of General Receipts Bonds, Series 1986 A (the "Series 1986 A Bonds"), in a principal amount determined as provided herein, for the purpose of paying or reimbursing costs of (i) construction, including remodeling of existing facilities, to provide a multi-sport athletic complex, including lighting, drainage, utility, and parking facilities; (ii) renovation and modernization of the Ohio Stadium dormitory; (iii) renovation and modernization of the Buckeye Village student housing facility, including the construction of support buildings and roadway and parking improvements; (iv) construction of a two-story addition to Doan Hall of University Hospitals and renovation of various hospital areas for medical logistical services; (v) construction of a four-floor addition to and the remodeling of Doan Hall of University Hospitals for clinical medical services; (vi) re-equipping the cardiac catheterization lab of University Hospitals; and (vii) construction of a multi-level, multi-building center for visual arts, including utility, driveway and other related site improvements (collectively, the "1986 Project"), funding the Bond Reserve Fund, paying certain Capitalized Interest and paying costs and expenses associated with the issuance of the Series 1986 A Bonds, authorizing a Second Supplemental Trust Indenture to secure the payment of Bond Service Charges on the Series 1986 A Bonds and for related purposes.

WHEREAS pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code (the "Act"), as enacted under authority of the Constitution of Ohio, particularly Section 21 of Article VIII thereof, The Ohio State University (the "University"), a state university of the State of Ohio (the "State") created and existing under Chapter 3335 of the Ohio Revised Code, is authorized and empowered, among other things, (a) to issue, as provided herein, Bonds (as defined in the Original Indenture (as hereinafter defined)) of the University to pay the costs of certain capital facilities defined as "auxiliary facilities" in Section 3345.12 of the Ohio Revised

July 10 and 11, 1986 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
SERIES 1986 A, OF THE OHIO STATE UNIVERSITY (contd)**

Code (and herein called "University Facilities") and to refund, fund or retire the Bonds and other obligations previously issued for such purpose; (b) to pledge to the payment of the Bonds all or a specified part of the gross amount of the General Receipts of the University (as defined in the Original Indenture) in priority to all other expenses, claims or payments; (c) to covenant, as herein provided, that the University will make, fix, adjust and collect the fees, rates, rentals, charges and other items comprising General Receipts to produce General Receipts sufficient at all times to meet Bond Service Charges (as defined in the Original Indenture) on the Bonds, to establish and to maintain the required reserves and meet other requirements herein provided; and (d) to provide for a trust indenture and to make further provisions for securing the payment of the Bond Service Charges;

WHEREAS the University, by resolution adopted by its Board of Trustees (the "Board") on November 1, 1985 (the "Series 1985 A Bond Resolution") and by a Trust Indenture dated as of November 15, 1985 (the "Original Indenture"), between the University and The Huntington National Bank, as Trustee (the "Trustee"), has provided for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution (as defined in the Original Indenture) adopted by the Board pursuant thereto; and

WHEREAS the University has heretofore issued pursuant to the Series 1985 A Bond Resolution and the Original Indenture \$27,680,000 The Ohio State University General Receipts Refunding Bonds, Series 1985 A, dated as of November 15, 1985 (the "Series 1985 A Bonds") (\$27,680,000 principal amount outstanding); and

WHEREAS the University has heretofore issued pursuant to the Series 1985 A Bond Resolution, the Series 1985 B Bond Resolution, adopted by the Board on December 6, 1985 (the "Series 1985 B Bond Resolution"), the Original Indenture and the First Supplemental Indenture, dated as of December 30, 1985 (the "First Supplemental Indenture"), between the University and the Trustee, the \$42,500,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1985 B, dated as of December 30, 1985 (the "Series 1985 B Bonds") (\$42,500,000 principal amount outstanding); and

WHEREAS the Board has determined that it is in the best interests of the University to authorize the issuance of The Ohio State University General Receipts Bonds, Series 1986 A (the "Series 1986 A Bonds") in a principal amount equal to the difference between the Maximum Aggregate Principal Amount and the portion of such Amount allocated as provided in the Series 1986 B Bond Resolution to the Series 1986 B Bonds (as hereinafter defined), for the purpose of paying or reimbursing costs of the 1986 Project, funding the Bond Reserve Fund (as defined in the Original Indenture), paying certain Capitalized Interest and paying costs and expenses associated with the issuance of the Series 1986 A Bonds; and

WHEREAS the University desires to make provision for the issuance of the Series 1986 A Bonds and for the payment of the Bond Service Charges thereon and the securing thereof by this Resolution and a Second Supplemental Trust Indenture (the "Second Supplemental Indenture") herein authorized:

NOW THEREFORE

July 10 and 11, 1986 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
SERIES 1986 A, OF THE OHIO STATE UNIVERSITY (contd)**

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, as follows:

Section 1. Definitions and Interpretations. All words and terms defined in the Original Indenture and all interpretations therein provided shall have in this Resolution the same meanings, respectively, and be subject to the same interpretations as therein provided or used, unless the context or use clearly indicates another or different meaning or intent, except that this Resolution, together with the Certificate of Award provided for in Section 3 hereof, is sometimes herein called and may be known as the "Series 1986 A Bond Resolution." The Bonds authorized by this Resolution are referred to herein and in the Second Supplemental Indenture as the "Series 1986 A Bonds." Terms not appearing in the Indenture but used herein are defined as follows:

"1986 Construction Fund" means the fund held by the Trustee created pursuant to Section 5 of this Resolution and funded with the proceeds of the Series 1986 A Bonds and the Series 1986 B Bonds.

"1986 Project" means (i) construction, including remodeling of existing facilities, to provide a multi-sport athletic complex, including lighting, drainage, utility, and parking facilities; (ii) renovation and modernization of the Ohio Stadium dormitory; (iii) renovation and modernization of the Buckeye Village student housing facility, including the construction of support buildings and roadway and parking improvements; (iv) construction of a two-story addition to Doan Hall of University Hospitals and renovation of various hospital areas for medical logistical services; (v) construction of a four-floor addition to and the remodeling of Doan Hall of University Hospitals for clinical medical services; (vi) re-equipping the cardiac catheterization lab of University Hospitals; and (vii) construction of a multi-level, multi-building center for visual arts, including utility, driveway and other related site improvements.

"Bond proceedings" means the Series 1985 A Bond Resolution, the Original Indenture, any applicable Series Resolution, any applicable Supplemental Indenture, any applicable Certificate of Award and other resolutions and agreements and amendments of and supplements to the foregoing, or any combination thereof, authorizing or providing for the terms and conditions applicable to, or providing for the security or sale of Bonds, and the terms contained in such Bonds.

"Capitalized Interest" means an aggregate amount not to exceed \$10,000,000 in respect of the Series 1986 A Bonds and the Series 1986 B Bonds, as specified in the respective Certificates of Award, which equals a portion of the interest to become due during the construction of the 1986 Project.

"Certificate of Award" means the Certificate of Award authorized pursuant to Section 3 of this Resolution.

"Contract of Purchase" means the Contract of Purchase between the Original Purchasers and the University, authorized pursuant to Section 3 hereof.

"Mandatory sinking fund requirements" means amounts required by this Resolution to be deposited to the Bond Fund (as defined in the Original Indenture) in any year for the purpose of retiring principal maturities of

July 10 and 11, 1986 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
SERIES 1986 A, OF THE OHIO STATE UNIVERSITY (contd)**

the Series 1986 A Bonds which by the terms of such Bonds are due and payable, if not called for prior redemption, in any subsequent fiscal year of the University.

"Maximum Aggregate Principal Amount" means the sum of the face amounts of the Series 1986 A Bonds and of the Series 1986 B Bonds, which aggregate amount shall not exceed \$90,000,000.

"Official Statement" means, as to the Series 1986 A Bonds, the Official Statement including, without limitation, the Preliminary Official Statement, relating to the original issuance of the Series 1986 A Bonds, authorized pursuant to Section 3 hereof.

"Original Purchasers" means, as to the Series 1986 A Bonds, The Ohio Company, Columbus, Ohio, John Nuveen & Co. Incorporated, Chicago, Illinois, Prudential-Bache Securities, New York, New York, Salomon Brothers Inc., New York, New York and Shearson Lehman Brothers Inc., New York, New York.

"Paying Agents" means the Trustee.

"Series 1986 A Bond Resolution", or "this Resolution" as used herein, means this Resolution, as the same may be amended from time to time in accordance with the provisions of the Indenture.

"Series 1986 B Bond Resolution" means the resolution adopted by the Board on July 11, 1986, authorizing the issuance and sale of the Variable Rate Demand General Receipts Bonds, Series 1986 B (the "Series 1986 B Bonds"), in a principal amount not less than forty percent (40%) and not greater than sixty percent (60%) of the Maximum Aggregate Principal Amount, for the purpose of paying or reimbursing costs of the 1986 Project, funding the Bond Reserve Fund relating to the Series 1986 B Bonds, paying certain Capitalized Interest and paying costs and expenses associated with the issuance of the Series 1986 B Bonds, authorizing a Third Supplemental Trust Indenture to the Original Indenture to secure the payment of Bond Service Charges on the Series 1986 B Bonds, and for related purposes.

"Trustee" means The Huntington National Bank, Columbus, Ohio, and any successor Trustee as determined or designated under or pursuant to the Original Indenture.

Any reference herein to the University, the Board, or to any members or officers thereof or to other public boards, commissions, departments, institutions, agencies, bodies, entities or officers, shall include those which succeed to their functions, duties or responsibilities pursuant to or by operation of law or who are lawfully performing their functions. Any reference to a section or provision of the Ohio Revised Code or to the laws of Ohio shall include such section or provision and such laws as from time to time amended, modified, revised, supplemented, or superseded, provided that no such amendment, modification, revision, supplementation, or supersession shall alter the obligation to pay the Bond Service Charges in the amount and manner, at the times, and from the sources provided in this Resolution, the Original Indenture and the Second Supplemental Indenture, except as otherwise herein permitted.

Unless the context shall otherwise indicate, words importing the singular number shall include the plural number, and vice versa, and the

July 10 and 11, 1986 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
SERIES 1986 A, OF THE OHIO STATE UNIVERSITY (contd)**

terms "hereof," "herein," "hereby," "hereto," "hereunder," and similar terms, mean this Resolution.

Section 2. Authorization; Terms; Pledge; and Covenant.

(a) Authorization. The Bonds, to be designated and known as The Ohio State University General Receipts Bonds, Series 1986 A (the "Series 1986 A Bonds"), shall be issued pursuant to and as authorized by the Act, Section 2i of Article VIII of the Ohio Constitution, the Series 1985 A Bond Resolution, this Resolution, the Original Indenture and the Second Supplemental Indenture for the purposes of financing costs of the University Facilities comprising the 1986 Project, funding the Bond Reserve Fund, paying certain Capitalized Interest and paying costs and expenses incidental to the issuance of the Series 1986 A Bonds.

(b) Form and Numbering. The Series 1986 A Bonds shall be issued only as fully registered bonds. The Series 1986 A Bonds shall be numbered as determined by the Trustee.

(c) Denominations and Dates. The Series 1986 A Bonds shall be in denominations of \$5,000 and integral multiples thereof and shall be dated July 15, 1986.

(d) Maximum Aggregate Principal Amount. The sum of the face amounts of the Series 1986 A Bonds and the Series 1986 B Bonds shall not exceed the Maximum Aggregate Principal Amount. As provided in Section 2 of the Series 1986 B Bond Resolution, the Series 1986 B Bonds shall be issued in a principal amount not less than forty percent (40%) and not greater than sixty percent (60%) of the Maximum Aggregate Principal Amount. The Series 1986 A Bonds shall therefore be issued in a principal amount not to exceed the difference between the Maximum Aggregate Principal Amount and the portion of such Amount allocated pursuant to the Series 1986 B Bond Resolution to the Series 1986 B Bonds. The principal amount of the Series 1986 A Bonds will be specified in the Certificate of Award.

(e) Delivery and Execution. The Treasurer (as defined in the Original Indenture) is hereby authorized to make the necessary arrangements with the Original Purchasers to establish the date, location, procedures and conditions for the delivery of the Series 1986 A Bonds to the Original Purchasers and to take all steps as necessary to effect due execution, authentication and delivery of the Series 1986 A Bonds to the Original Purchasers under the terms of this Resolution. The Series 1986 A Bonds shall be signed by the Chairman of the Board (the "Chairman") and the Treasurer in their official capacities (provided that both of the signatures may be facsimiles) and shall bear the corporate seal of the University or a facsimile thereof.

(f) Interest and Maturities.

(i) The Series 1986 A Bonds shall bear interest on their unpaid principal amounts payable semi-annually on June 1 and December 1 (the "Interest Payment Dates"), beginning December 1, 1986, at the percentage rate or rates per annum set forth in the Certificate of Award (established pursuant to Section 3 hereof). Such rate or rates shall in no event produce an average interest rate in excess of ten percent (10%) per annum.

(ii) The Series 1986 A Bonds shall mature not later than

July 10 and 11, 1986 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
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December 1, 2006, and in such annual amount or amounts as are provided for in the Certificate of Award.

(iii) Mandatory redemption of Series 1986 A Bonds of certain maturities prior to maturity, pursuant to the mandatory sinking fund requirements, shall be as provided in the Certificate of Award.

(iv) Certain maturities of the Series 1986 A Bonds, as provided in the Certificate of Award, are subject to optional redemption at the option of the University prior to stated maturity, in whole or in part, in accordance with the terms, conditions, redemption prices and on the dates set forth in the Certificate of Award. Notice of call for and other terms and provisions governing redemption of the Series 1986 A Bonds shall be given in the manner provided in the Original Indenture. At no time shall the redemption price on any Series 1986 A Bond, exclusive of accrued interest, exceed one hundred and three percent (103%) of the face amount of such Bond.

(g) Security. As provided in the Original Indenture and the Second Supplemental Indenture, there is hereby pledged to the security of the Series 1986 A Bonds and for the payment of the Bond Service Charges on the Series 1986 A Bonds and for establishment and maintenance of the Bond Reserve Requirement (as defined in the Original Indenture), the gross amount of General Receipts of the University (subject to the provisions for the partial release of a pledge of General Receipts contained in Section 4.11 of the Original Indenture) and the monies contained in the Special Funds (as defined in the Original Indenture). This pledge of General Receipts shall be on parity with expenses, claims and payments relating to other Parity Obligations (as defined in the Original Indenture) and in priority to all other expenses, claims and payments of the University. In accordance with the Act, all General Receipts or portions thereof are immediately subject to the lien of the pledge upon receipt thereof by the University, and such pledge creates a perfected security interest without necessity for prior separation, physical delivery, filing or recording or further act.

For the further security of the Series 1986 A Bonds, and any Additional Bonds (as defined in the Original Indenture), the University hereby covenants with the bondholders and the Trustee that so long as any Series 1986 A Bonds or Additional Bonds are outstanding, the University will fix, make, adjust and collect fees, rates, rentals, charges, and other items of General Receipts, as will produce at all times General Receipts sufficient (i) to pay Bond Service Charges when due, (ii) to establish and maintain the Bond Reserve Requirement as provided in the Original Indenture, (iii) together with other monies lawfully available therefor, to pay all costs and expenses required to be paid under the Bond proceedings, and (iv) together with other monies lawfully available therefor, to pay all other costs and expenses necessary for the proper maintenance and successful and continuous operation of the University.

(h) Payment, Places of Payment and Paying Agents. The principal of and the redemption premium on the Series 1986 A Bonds when due shall be payable to the registered holders upon presentation and surrender thereof at the principal corporate trust office of the Trustee. Interest shall be payable by check or draft mailed by the Trustee as provided in the Original Indenture; provided, however, that interest on Series 1986 A Bonds aggregating \$1,000,000 or more in principal amount registered in the name of a single holder shall be paid by wire transfer in immediately available

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**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
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funds to such account, if any, as such holder directs in writing to the Trustee at least ten (10) days prior to any Interest Payment Date, such payment by wire transfer pursuant to that direction continuing in effect as to subsequent Interest Payment Dates until such time as the holder notifies the Trustee to the contrary or until such time as such holder ceases to be a holder of the requisite principal amount of Series 1986 A Bonds.

Section 3. Contract of Purchase; Certificate of Award; Official Statement. The Series 1986 A Bonds are sold and awarded to the Original Purchasers in accordance with the Contract of Purchase at the purchase price (not less than ninety-seven percent (97%) of principal amount plus accrued interest) provided in the Certificate of Award. The form of Contract of Purchase now on file with the Secretary of the Board is hereby approved, together with any changes therein and completions thereof which are not inconsistent with this Resolution and not substantially adverse to the University, and as are permitted by the Act and approved on behalf of the University by the Chairman or the Treasurer. The approval on behalf of the University of those changes and completions by the Chairman or the Treasurer, and the status of those changes as not substantially adverse to the University, shall be conclusively evidenced by the execution of the Contract of Purchase on behalf of the University by the Chairman or the Treasurer. It is determined hereby that the purchase price and the manner of sale and the terms of the Series 1986 A Bonds, as provided in this Resolution, are consistent with all legal requirements and will carry out the public purposes of the Act.

The sale and award of the Series 1986 A Bonds shall be further evidenced by the Certificate of Award. The Certificate of Award is hereby authorized and shall be executed by the Chairman or the Treasurer. The Certificate of Award shall, as to the Series 1986 A Bonds, state or confirm the aggregate principal amount, the purchase price, the interest rate or rates, the annual principal amount or amounts, the amount of Capitalized Interest, the maturity dates, the mandatory sinking fund requirements and the optional redemption provisions, all as determined in accordance with the provisions of this Resolution and the Contract of Purchase. The Certificate of Award shall also contain such other data or provisions as the Chairman or the Treasurer determines are appropriate or necessary, and as are consistent with this Resolution, the Original Indenture, the Second Supplemental Indenture and the Contract of Purchase. The Certificate of Award shall be deemed a part of this Resolution in connection with the authorization, issuance and sale of the Series 1986 A Bonds.

The distribution of the Preliminary Official Statement relating to the Series 1986 A Bonds is hereby approved. The Official Statement, substantially in the form of the Preliminary Official Statement now on file with the Secretary of the Board, shall be executed by the Chairman or the Treasurer in his official capacity on behalf of the University with any modifications, changes and supplements necessary or desirable for the purposes thereof which the Chairman or the Treasurer shall approve. The Board has not confirmed, and assumes no responsibility for, the accuracy, sufficiency or fairness of any statements in the Preliminary Official Statement or the final Official Statement or any supplements thereto, or in any reports, financial information, offering or disclosure documents or other information in any way relating to the Original Purchasers.

Section 4. Allocation of Proceeds. The proceeds from the sale of the Series 1986 A Bonds, including any accrued interest, shall be allocated,

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**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
SERIES 1986 A, OF THE OHIO STATE UNIVERSITY (contd)**

deposited and applied as follows:

- (i) To the Bond Fund, accrued interest received on the sale of the Series 1986 A Bonds;
- (ii) To the Bond Reserve Fund, an amount equal to the amount required to bring the balance in the Bond Reserve Fund to an amount equal to the Bond Reserve Requirement in respect to all Bonds; and
- (iii) To the 1986 Construction Fund, created pursuant to Section 5 of this Resolution, the entire remaining amount of the proceeds, to be applied to the purposes of that Fund, including transfers from that Fund authorized by the Act, to pay certain Capitalized Interest and to pay costs and expenses associated with the issuance of the Series 1986 A Bonds.

Section 5. 1986 Construction Fund. There is hereby created by the University and ordered maintained a separate fund with the Trustee designated the "1986 Construction Fund." The 1986 Construction Fund shall be funded from the proceeds of the sale of the Series 1986 A Bonds and the Series 1986 B Bonds. Monies in the 1986 Construction Fund may be used for the payment or reimbursement of all costs and expenses relating to the 1986 Project, expenses representing certain Capitalized Interest, and costs and expenses associated with the issuance of the Series 1986 A Bonds and the Series 1986 B Bonds. Payments from the 1986 Construction Fund for the purpose of paying costs and expenses relating to the 1986 Project shall be made as provided in Section 9 of the Series 1985 A Bond Resolution.

Transfers by the Trustee of monies from the 1986 Construction Fund to the Bond Fund for the purpose of paying Capitalized Interest shall be made only upon the receipt by the Trustee of a written order signed by the Treasurer, which shall specify the amount of such transfer. Monies remaining in the 1986 Construction Fund (including monies earned thereon by investment thereof) after receipt by the Trustee of a certificate of completion (as described in Section 9 of the Series 1985 A Bond Resolution) and payment of Capitalized Interest and of costs and expenses relating to the 1986 Project, shall be applied as provided in Section 9 of the Series 1985 A Bond Resolution.

Section 6. Application of Bond Proceeds. The University covenants that the use of the proceeds of the Series 1986 A Bonds, including amounts at any time in the Bond Reserve Fund, will be restricted in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of delivery of and payment for the Series 1986 A Bonds, so that the Series 1986 A Bonds will not constitute "arbitrage bonds" under Section 103(c) of the Code (as defined in the Indenture). The Treasurer of the University, or any other officer having responsibility with respect to the issuance of the Series 1986 A Bonds, alone or in conjunction with any other officer or employee of or consultant to the University, will give an appropriate certificate of the University for inclusion in the transcript of proceedings for the Series 1986 A Bonds setting forth the reasonable expectations of the University regarding the amount and use of all those proceeds and the facts and estimates on which they are based, all as of the date of original delivery of and payment for the Series 1986 A Bonds.

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**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
SERIES 1986 A, OF THE OHIO STATE UNIVERSITY (contd)**

The University further covenants that it will take all actions required to maintain the exemption from federal income tax for interest on the Series 1986 A Bonds, and will not take any actions which would adversely affect such exemption under the provisions of federal tax laws that apply to the Series 1986 A Bonds, or under the provisions of H.R. 3838, as passed by the U.S. House of Representatives on December 17, 1985, but with the effective date stated for certain provisions thereof listed in the March 14, 1986 Joint Statement by the chairmen and ranking minority members of the House Committee on Ways and Means and the Senate Committee on Finance and the Secretary of the Treasury, or as amended and passed by the U.S. Senate on June 24, 1986, until and unless, and except to the extent, with respect to H.R. 3838, the University obtains a written opinion of nationally recognized bond counsel that this covenant, as it pertains to H.R. 3838, need not be complied with in order for the interest on the Series 1986 A Bonds to continue to be exempt from federal income taxation; and the Chairman or the Treasurer and other appropriate officers are hereby authorized to take such actions and give such certifications as may be appropriate to assure such tax exemption of interest on the Series 1986 A Bonds.

Section 7. Further Covenants. In addition to the covenants elsewhere contained herein, The University further covenants as provided in Section 13 of the Series 1985 A Bond Resolution, which covenants are incorporated herein as if fully set forth herein.

Section 8. Second Supplemental Indenture. In order to better secure the payment of the Bond Service Charges as the same shall become due and payable, the Chairman, the President of the University, the Secretary of the Board and the Treasurer, or any one or more of them, are authorized and directed to execute, acknowledge and deliver to the Trustee, in the name and on behalf of the University and pursuant to the Indenture, the Second Supplemental Indenture, in substantially the form submitted to this Board and hereby approved, with such changes therein as are not substantially adverse to the University and as may be permitted by the Act and approved by the officers executing the same on behalf of the University. The Second Supplemental Indenture shall also include the form of the Series 1986 A Bonds. The execution of such document by any of the officers shall conclusively evidence that the officers and the Board approve such changes and that such changes are not substantially adverse to the University. Such officers are each further authorized to execute and deliver on behalf of the University such other certificates, documents and instruments as are necessary in connection with the acts authorized by this Resolution.

Section 9. Text of Resolution. The text of this Resolution authorizing the issuance and sale of the Series 1986 A Bonds and related acts by the University may be changed for the purpose of curing any ambiguity, inconsistency or formal defect or omission in this Resolution or in respect of this Resolution as it relates to the Indenture, the Second Supplemental Indenture, the Certificate of Award, the Form of Bond, the Contract of Purchase or the Official Statement. Such changes shall be subject to the approval of any one of the officers (referred to in Section 8 above) as being changes not substantially adverse to the University or contrary to the true intent and meaning hereof. Such changes must also be acceptable to Bond Counsel (as defined in the Original Indenture).

Section 10. Open Meeting Determination. It is found and determined that all formal actions of the Board concerning and relating to

July 10 and 11, 1986 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
SERIES 1986 A, OF THE OHIO STATE UNIVERSITY (contd)**

the adoption of this Resolution were adopted in an open meeting of the Board, and that all deliberations of the Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Revised Code.

Section 11. Effective Date. This Resolution shall take effect and be in force immediately upon its adoption. Reference shall be made to the Original Indenture and the Second Supplemental Indenture concerning matters not specifically addressed in this Resolution.

Upon motion of Mrs. Bowser, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**AUTHORIZATION, ISSUANCE AND SALE OF VARIABLE RATE DEMAND GENERAL
RECEIPTS BONDS, SERIES 1986 B, OF THE OHIO STATE UNIVERSITY**

Resolution No. 87-23

Synopsis: Providing for the authorization, issuance and sale of Variable Rate Demand General Receipts Bonds, Series 1986 B (the "Series 1986 B Bonds"), in a principal amount determined as provided herein, for the purpose of paying or reimbursing costs of (i) construction, including remodeling of existing facilities, to provide a multi-sport athletic complex, including lighting, drainage, utility, and parking facilities; (ii) renovation and modernization of the Ohio Stadium dormitory; (iii) renovation and modernization of the Buckeye Village student housing facility, including the construction of support buildings and roadway and parking improvements; (iv) construction of a two-story addition to Doan Hall of University Hospitals and renovation of various hospital areas for medical logistical services; (v) construction of a four-floor addition to and the remodeling of Doan Hall of University Hospitals for clinical medical services; (vi) re-equipping the cardiac catheterization lab of University Hospitals; and (vii) construction of a multi-level, multi-building center for visual arts, including utility, driveway and other related site improvements (collectively, the "1986 Project"), funding the Bond Reserve Fund, paying certain Capitalized Interest and paying costs and expenses associated with the issuance of the Series 1986 B Bonds, authorizing a Third Supplemental Trust Indenture to secure the payment of Bond Service Charges on the Series 1986 B Bonds and for related purposes.

WHEREAS pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code (the "Act"), as enacted under authority of the Constitution of Ohio, particularly Section 2i of Article VIII thereof, The Ohio State University (the "University"), a state university of the State of Ohio (the "State") created and existing under Chapter 3335 of the Ohio Revised Code, is authorized and empowered, among other things, (a) to issue, as provided herein, Bonds (as defined in the Original Indenture (as hereinafter defined)) of the University to pay the costs of certain capital facilities defined as "auxiliary facilities" in Section 3345.12 of the Ohio Revised Code (and herein called "University Facilities") and to refund, fund or retire the Bonds and other obligations previously issued for such purpose; (b) to pledge to the payment of the Bonds all or a specified part of the gross amount of the General Receipts of the University (as defined in the

July 10 and 11, 1986 meeting, Board of Trustees

AUTHORIZATION, ISSUANCE AND SALE OF VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS, SERIES 1986 B, OF THE OHIO STATE UNIVERSITY (contd)

Original Indenture) in priority to all other expenses, claims or payments; (c) to covenant, as herein provided, that the University will make, fix, adjust and collect the fees, rates, rentals, charges and other items comprising General Receipts to produce General Receipts sufficient at all times to meet Bond Service Charges (as defined in the Original Indenture) on the Bonds, to establish and to maintain the required reserves and meet other requirements herein provided; and (d) to provide for a trust indenture and make further provisions for securing the payment of the Bond Service Charges; and

WHEREAS the University, by resolution adopted by its Board of Trustees (the "Board") on November 1, 1985 (the "Series 1985 A Bond Resolution") and by a Trust Indenture dated as of November 15, 1985 (the "Original Indenture") between the University and The Huntington National Bank, as Trustee (the "Trustee"), has provided for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution (as defined in the Original Indenture) adopted by the Board pursuant thereto; and

WHEREAS the University has heretofore issued pursuant to the Series 1985 A Bond Resolution and the Original Indenture the \$27,680,000 The Ohio State University General Receipts Refunding Bonds, Series 1985 A, dated as of November 15, 1985 (the "Series 1985 A Bonds") (\$27,680,000 principal amount currently outstanding); and

WHEREAS the University has heretofore issued pursuant to the Series 1985 A Bond Resolution, the Series 1985 B Bond Resolution, adopted by the Board on December 6, 1985 (the "Series 1985 B Bond Resolution"), the Original Indenture and the First Supplemental Indenture, dated as of December 30, 1985 (the "First Supplemental Indenture"), between the University and the Trustee, the \$42,500,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1985 B (the "Series 1985 B Bonds") (\$42,500,000 principal amount currently outstanding); and

WHEREAS the University intends to issue pursuant to the Series 1985 A Bond Resolution, the Series 1986 A Bond Resolution, adopted by the Board on the date hereof (the "Series 1986 A Bond Resolution"), the Original Indenture and the Second Supplemental Indenture, dated as of July 15, 1986 (the "Second Supplemental Indenture"), between the University and the Trustee, The Ohio State University General Receipts Bonds, Series 1986 A (the "Series 1986 A Bonds") in an amount equal to the difference between the Maximum Aggregate Principal Amount and the principal amount of the Series 1986 B Bonds; and

WHEREAS the Board has determined that it is in the best interests of the University to authorize the issuance of The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1986 B (the "Series 1986 B Bonds") in a principal amount not less than forty percent (40%) and not greater than sixty percent (60%) of the Maximum Aggregate Principal Amount for the purpose of paying or reimbursing costs of the 1986 Project, funding the Bond Reserve Fund (as defined in the Original Indenture), paying certain Capitalized Interest and paying costs and expenses associated with the issuance of the Series 1986 B Bonds; and

WHEREAS the University desires to make provision for the issuance of the Series 1986 B Bonds and for the payment of the Bond Service Charges thereon

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**AUTHORIZATION, ISSUANCE AND SALE OF VARIABLE RATE DEMAND GENERAL
RECEIPTS BONDS, SERIES 1986 B, OF THE OHIO STATE UNIVERSITY (contd)**

and the securing thereof by this Resolution and a Third Supplemental Trust Indenture (the "Third Supplemental Indenture") herein authorized;

NOW THEREFORE

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, as follows:

Section 1. Definitions and Interpretations. All words and terms defined in the Original Indenture and all interpretations therein provided shall have in this Resolution the same meanings, respectively, and be subject to the same interpretations as therein provided or used, unless the context or use clearly indicates another or different meaning or intent, except that this Resolution, together with the Certificate of Award provided for in Section 3 hereof, is sometimes herein called and may be known as the "Series 1986 B Bond Resolution." The Bonds authorized by this Resolution are referred to herein and in the Third Supplemental Indenture as the "Series 1986 B Bonds." Terms not appearing in the Indenture but used herein are defined as follows:

"1986 Construction Fund" means the fund held by the Trustee and created pursuant to Section 5 of the Series 1986 A Bond Resolution and funded with the proceeds of the Series 1986 A Bonds and the Series 1986 B Bonds.

"1986 Project" means (i) construction, including remodeling of existing facilities, to provide a multi-sport athletic complex, including lighting, drainage, utility, and parking facilities; (ii) renovation and modernization of the Ohio Stadium dormitory; (iii) renovation and modernization of the Buckeye Village student housing facility, including the construction of support buildings and roadway and parking improvements; (iv) construction of a two-story addition to Doan Hall of University Hospitals and renovation of various hospital areas for medical logistical services; (v) construction of a four-floor addition to and the remodeling of Doan Hall of University Hospitals for clinical medical services; (vi) re-equipping the cardiac catheterization lab of University Hospitals; and (vii) construction of a multi-level, multi-building center for visual arts, including utility, driveway and other related site improvements.

"Bank" means initially, The Fuji Bank, Limited, acting through its Chicago, Illinois Branch, as the issuer of the Standby Bond Purchase Agreement (as hereinafter defined), its successors and assigns.

"Capitalized Interest" means an aggregate amount not to exceed \$10,000,000 in respect of the Series 1986 A Bonds and the Series 1986 B Bonds, as specified in the respective Certificates of Award, which equals a portion of the interest to become due during the construction of the 1986 Project.

"Contract of Purchase" means the Contract of Purchase between the Original Purchasers and the University, authorized pursuant to Section 3 hereof.

"Converted Bond(s)" means a Series 1986 B Bond, the interest on which has been converted to Fixed Interest Rates (as defined in the Third Supplemental Indenture) pursuant to Section 6(E) of the Third Supplemental Indenture.

July 10 and 11, 1986 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF VARIABLE RATE DEMAND GENERAL
RECEIPTS BONDS, SERIES 1986 B, OF THE OHIO STATE UNIVERSITY (contd)**

"Interest Payment Dates" means as to the Series 1986 B Bonds (i) during the effectiveness of a Weekly Rate Period, a Monthly Rate Period or a Quarterly Rate Period (as such terms are defined in the Third Supplemental Indenture), each March 1, June 1, September 1, and December 1 or, if such day is not a Business Day (as defined in the Original Indenture), the next succeeding Business Day, commencing December 1, 1986; and (ii) during the effectiveness of a Semiannual Rate Period, an Annual Rate Period or a Fixed Rate Period (as such terms are defined in the Third Supplemental Indenture), each June 1 and December 1 or, if such day is not a Business Day, the next succeeding Business Day, commencing December 1, 1986.

"Maximum Aggregate Principal Amount" means the sum of the face amounts of the Series 1986 A Bonds and the Series 1986 B Bonds, which aggregate amount shall not exceed \$90,000,000.

"Maximum Interest Rate" means fifteen percentum (15%) per annum.

"Official Statement" means, as to the Series 1986 B Bonds, the Official Statement including, without limitation, the Preliminary Official Statement relating to the original issuance of the Series 1986 B Bonds, authorized pursuant to Section 3 hereof.

"Original Purchasers" means, as to the Series 1986 B Bonds, John Nuveen & Co. Incorporated, Chicago, Illinois and The Ohio Company, Columbus, Ohio.

"Paying Agent(s)" means, as to the Series 1986 B Bonds, the Trustee.

"Remarketing Agent" means initially, John Nuveen & Co. Incorporated, and any Person (as defined in the Original Indenture) meeting the qualifications of, and designated from time to time to act as Remarketing Agent under Section 7(H) of the Third Supplemental Indenture.

"Remarketing Agreement" means the Remarketing Agreement, dated as of August 1, 1986, provided for in Section 7 of this Resolution, to be entered into between the University and the Remarketing Agent, as the agreement may be amended, modified or supplemented.

"Series 1986 B Bonds" means the Bonds authorized by this Resolution and shall include, except as expressly noted in the Third Supplemental Indenture, any Series 1986 B Bonds held by or for the account of the Bank or its designee.

"Standby Bond Purchase Agreement" or "Standby Agreement" means, as to the Series 1986 B Bonds, the Standby Bond Purchase Agreement, dated as of August 1, 1986, between the University and the Bank, as the agreement may from time to time be amended, modified or supplemented.

"Tender Agent" means United States Trust Company of New York, New York, New York or any Person meeting the qualifications of, and designated from time to time to act as Tender Agent under, Section 7(K) of the Third Supplemental Indenture.

Any reference herein to the University, the Board, or to any members or officers thereof or to other public boards, commissions, departments, institutions, agencies, bodies, entities or officers, shall

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include those which succeed to their functions, duties or responsibilities pursuant to or by operation of law or who are lawfully performing their functions. Any reference to a section or provision of the Ohio Revised Code or to the laws of Ohio shall include such section or provision and such laws as from time to time amended, modified, revised, supplemented, or superseded, provided that no such amendment, modification, revision, supplementation, or supersession shall alter the obligation to pay the Bond Service Charges in the amount and manner, at the times, and from the sources provided in the Series 1985 A Bond Resolution, this Resolution, the Original Indenture and the Third Supplemental Indenture, except as otherwise herein permitted.

Unless the context shall otherwise indicate, words importing the singular number shall include the plural number, and vice versa, and the terms "hereof," "herein," "hereby," "hereto," "hereunder," and similar terms, mean this Resolution.

Section 2. Authorization; Terms; Pledge; and Covenant.

(a) Authorization. The Bonds, to be designated and known as The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1986 B (the "Series 1986 B Bonds"), shall be issued pursuant to and as authorized by the Act, Section 21 of Article VIII of the Ohio Constitution, the Series 1985 A Bond Resolution, this Resolution, the Original Indenture and the Third Supplemental Indenture for the purposes of financing costs of the University Facilities comprising the 1986 Project, funding the Bond Reserve Fund, paying certain Capitalized Interest and paying costs and expenses incidental to the issuance of the Series 1986 B Bonds.

(b) Form and Numbering. The Series 1986 B Bonds shall be issued only as fully registered Bonds. The Series 1986 B Bonds shall be numbered as determined by the Trustee.

(c) Denominations and Dates. Initially, the Series 1986 B Bonds shall be in denominations of \$100,000 and integral multiples thereof and shall be dated as of the date of their first authentication and delivery. Series 1986 B Bonds subsequently issued in exchange for Series 1986 B Bonds surrendered for transfer or exchange shall be dated as of the Interest Payment Date to which interest has been paid in full or duly provided for. Converted Bonds shall be in denominations of \$5,000 and any integral multiple thereof.

(d) Maximum Aggregate Principal Amount. The sum of the face amounts of the Series 1986 A Bonds and the Series 1986 B Bonds shall not exceed the Maximum Aggregate Principal Amount. The Series 1986 B Bonds shall be issued in a principal amount not less than forty percent (40%) and not greater than sixty percent (60%) of the Maximum Aggregate Principal Amount, as specified in the Certificate of Award. The Series 1986 A Bonds shall, pursuant to Section 2 of the Series 1986 A Bond Resolution, be issued in an amount not to exceed the difference between the Maximum Aggregate Principal Amount and the portion of such Amount allocated pursuant to this Resolution to the Series 1986 B Bonds.

(e) Delivery and Execution. The Treasurer is hereby authorized to make the necessary arrangements with the Original Purchasers to establish the date, location, procedures and conditions for the delivery of the Series 1986 B Bonds to the Original Purchasers and to take all steps as necessary

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to effect due execution, authentication and delivery of the Series 1986 B Bonds to the Original Purchasers under the terms of this Resolution. The Series 1986 B Bonds shall be signed by the Chairman of the Board (the "Chairman") and the Treasurer in their official capacities (provided that both of the signatures may be facsimiles) and shall bear the corporate seal of the University or a facsimile thereof.

(f) Interest. The Series 1986 B Bonds shall bear interest at a variable rate determined on a weekly, monthly, quarterly, semiannual, annual or multi-annual basis, the period of recalculation to be selected by the University and the method of calculation to be performed by the Remarketing Agent as provided in Section 6 of the Third Supplemental Indenture. The University may also, as provided in Section 6(E) of the Third Supplemental Indenture, convert the interest rate on all or a portion of the Series 1986 B Bonds to Fixed Interest Rates. Except for the Bank Bond Rate (as defined in the Third Supplemental Indenture), the interest rate on the Series 1986 B Bonds shall at no time exceed the Maximum Interest Rate. Interest shall be payable on each Interest Payment Date.

During any Interest Period (as defined in the Third Supplemental Indenture), including, without limitation, a Fixed Rate Period (as defined in the Third Supplemental Indenture), in which any Series 1986 B Bonds are held by or for the account of the Bank or its designee by reason of the purchase of such Series 1986 B Bonds pursuant to the Standby Agreement (but not otherwise), the interest rate borne by such Series 1986 B Bonds (and only such Series 1986 B Bonds) shall be the Bank Bond Rate, calculated as provided in the Standby Agreement.

(g) Optional Tender. From time to time as provided in Section 9 of the Third Supplemental Indenture, holders of the Series 1986 B Bonds (other than Converted Bonds) may request, in accordance with the provisions of Section 7(A) of the Third Supplemental Indenture, that the Tender Agent purchase such Series 1986 B Bonds at a purchase price equal to one hundred percent (100%) of the principal amount of such Series 1986 B Bonds to be purchased plus accrued interest.

(h) Maturities. The Series 1986 B Bonds (other than Converted Bonds) shall mature on December 1, 2006, unless they have been redeemed prior to such date by mandatory redemption, as provided in Section 9(C) of the Third Supplemental Indenture, or otherwise. The Converted Bonds shall mature on the dates determined as provided in Section 6(E) of the Third Supplemental Indenture. The Series 1986 B Bonds (other than Converted Bonds) shall mature and be subject to mandatory sinking fund redemption as provided in the Certificate of Award. Nothing in the preceding sentences shall be deemed to in any case extend the maturity of any Series 1986 B Bond.

(i) Redemption. Certain maturities of the Series 1986 B Bonds are subject to redemption at the option of the University prior to stated maturity, in whole or in part, in accordance with the terms, conditions, redemption prices and on the dates set forth in Section 9 of the Third Supplemental Indenture. Notice of call for and other terms and provisions governing redemption of such Series 1986 B Bonds shall be given in the manner provided in the Original Indenture and the Third Supplemental Indenture.

(j) Mandatory Purchase. Upon (i) conversion to Fixed Interest Rates, (ii) expiration of the Standby Agreement, or (iii) the occurrence of

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Events of Default (as defined in the Original Indenture and the Third Supplemental Indenture), certain of the Series 1986 B Bonds shall be subject to mandatory purchase, as designated by and in accordance with the provisions of Section 9(C) of the Third Supplemental Indenture. The Series 1986 B Bonds subject to mandatory purchase shall be purchased at a purchase price equal to the principal amount of the Series 1986 B Bonds to be so purchased plus accrued interest.

(k) Appointment of Remarketing Agent. The Board hereby appoints John Nuveen & Co. Incorporated as the initial Remarketing Agent under the Third Supplemental Indenture.

(l) Appointment of Tender Agent. The Board hereby appoints United States Trust Company of New York, New York, New York as the initial Tender Agent under the Third Supplemental Indenture.

(m) Security. As provided in the Original Indenture and the Third Supplemental Indenture, there is hereby pledged to the security of the Series 1986 B Bonds and for the payment of the Bond Service Charges on the Series 1986 B Bonds and for establishment and maintenance of the Bond Reserve Requirement (as defined in the Original Indenture), the gross amount of General Receipts of the University (subject to the provisions for the partial release of a pledge of General Receipts contained in Section 4.11 of the Original Indenture) and the monies contained in the Special Funds, as provided in the Original Indenture. This pledge of General Receipts shall be on parity with expenses, claims and payments relating to other Parity Obligations (as defined in the Original Indenture) and in priority to all other expenses, claims and payments of the University. In accordance with the Act, all the General Receipts or portions thereof are immediately subject to the lien of the pledge upon receipt thereof by the University, and such pledge creates a perfected security interest without necessity for prior separation, physical delivery, filing or recording or further act.

(n) Payment, Places of Payment and Paying Agents. The principal of and the redemption premium on the Series 1986 B Bonds when due shall be payable to the registered holders, upon presentation and surrender thereof at the principal corporate trust office of the Trustee and the Tender Agent, respectively. Interest shall be payable by check or draft mailed by the Trustee as provided in the Original Indenture; provided, however, that interest on Series 1986 B Bonds aggregating \$1,000,000 or more in principal amount registered in the name of a single holder shall be paid by wire transfer in immediately available funds to such account, if any, as such holder directs in writing to the Trustee at least ten (10) days prior to any Interest Payment Date, such payment by wire transfer pursuant to that direction continuing in effect as to subsequent Interest Payment Dates until such time as the holder notifies the Trustee to the contrary or until such time as such holder ceases to be a holder of the requisite principal amount of Series 1986 B Bonds. Interest on Series 1986 B Bonds held by the Bank or its designee pursuant to the Standby Agreement shall be paid (at the Bank Bond Rate) by wire transfer on each Interest Payment Date unless the Bank notifies the Trustee of a different mutually acceptable method.

Section 3. Contract of Purchase; Certificate of Award; Official Statement. The Series 1986 B Bonds are sold and awarded to the Original Purchasers in accordance with the Contract of Purchase at the purchase price (not less than ninety-eight and one-half percent (98 1/2%) of the principal amount plus accrued interest) provided in the Certificate of Award. The

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**AUTHORIZATION, ISSUANCE AND SALE OF VARIABLE RATE DEMAND GENERAL
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form of Contract of Purchase now on file with the Secretary of the Board is hereby approved, together with any changes therein and completions thereof which are not inconsistent with this Resolution and not substantially adverse to the University, and as are permitted by the Act and approved on behalf of the University by the Chairman or the Treasurer. The approval on behalf of the University of those changes and completions by the Chairman or the Treasurer, and the status of those changes as not substantially adverse to the University, shall be conclusively evidenced by the execution of the Contract of Purchase on behalf of the University by the Chairman or the Treasurer. It is determined hereby that the purchase price and the manner of sale and the terms of the Series 1986 B Bonds, as provided in this Resolution, are consistent with all legal requirements and will carry out the public purposes of the Act.

The sale and award of the Series 1986 B Bonds shall be further evidenced by the Certificate of Award. The Certificate of Award is hereby authorized and shall be executed by the Chairman or the Treasurer. The Certificate of Award shall, as to the Series 1986 B Bonds, state or confirm the aggregate principal amount, the purchase price, the initial interest rate or rates, the amount of Capitalized Interest, the mandatory sinking fund requirements and the optional redemption provisions, all as determined in accordance with the provisions of this Resolution, the Third Supplemental Indenture and the Contract of Purchase. The Certificate of Award shall also contain such other data or provisions as the Chairman or the Treasurer determines are appropriate or necessary, and as are consistent with the Series 1985 A Bond Resolution, this Resolution, the Original Indenture, the Third Supplemental Indenture and the Contract of Purchase. The Certificate of Award shall be deemed a part of this Resolution in connection with the authorization, issuance and sale of the Series 1986 B Bonds.

The distribution of the Preliminary Official Statement relating to the Series 1986 B Bonds is hereby approved. The final Official Statement, substantially in the form of the Preliminary Official Statement now on file with the Board, shall be executed by the Chairman or the Treasurer in his official capacity on behalf of the University with any modifications, changes or supplements necessary or desirable for the purposes thereof which the Chairman or the Treasurer shall approve. The Board has not confirmed, and assumes no responsibility for, the accuracy, sufficiency or fairness of any statements in the Preliminary Official Statement or the final Official Statement or any supplements thereto, or in any reports, financial information, offering or disclosure documents or other information in any way relating to the Bank or the Original Purchasers.

Section 4. Allocation of Proceeds. The proceeds from the sale of the Series 1986 B Bonds, including any accrued interest, shall be allocated, deposited and applied as follows:

- (i) To the Bond Fund, accrued interest received on the sale of the Series 1986 B Bonds;
- (ii) To the Bond Reserve Fund, an amount equal to the amount required to bring the balance in the Bond Reserve Fund to an amount equal to the Bond Reserve Requirement in respect of all Bonds; and
- (iii) To the 1986 Construction Fund, created pursuant to Section 5 of the Series 1986 A Bond Resolution and administered as

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provided in Section 9 of the Series 1985 A Bond Resolution and Section 5 of the Series 1986 A Bond Resolution, the entire remaining amount of the proceeds, to be applied to the purposes of that Fund, including transfers from that Fund authorized by the Act, to pay certain Capitalized Interest and to pay costs and expenses associated with the issuance of the Series 1986 B Bonds.

Section 5. Application of Bond Proceeds. The University covenants that the use of the proceeds of the Series 1986 B Bonds, including amounts at any time in the Bond Reserve Fund, will be restricted in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of delivery of and payment for the Series 1986 B Bonds, so that the Series 1986 B Bonds will not constitute "arbitrage bonds" under Section 103(c) of the Code. The Treasurer of the University, or any other officer having responsibility with respect to the issuance of the Series 1986 B Bonds, alone or in conjunction with any other officer or employee of or consultant to the University, will give an appropriate certificate of the University for inclusion in the transcript of proceedings for the Series 1986 B Bonds setting forth the reasonable expectations of the University regarding the amount and use of those proceeds and the facts and estimates on which they are based, all as of the date of original delivery of and payment for the Series 1986 B Bonds.

The University further covenants that it will take all actions required to maintain the exemption from federal income tax for interest on the Series 1986 B Bonds, and will not take any actions which would adversely affect such exemption under the provisions of federal tax laws that apply to the Series 1986 B Bonds, or under the provisions of H.R. 3838, as passed by the U.S. House of Representatives on December 17, 1985, but with the effective date stated for certain provisions thereof listed in the March 14, 1986 Joint Statement by the chairman and ranking minority members of the House Committee on Ways and Means and the Senate Committee on Finance and the Secretary of the Treasury, or as amended and passed by the U.S. Senate on June 24, 1986, until and unless, and except to the extent, with respect to H.R. 3838, the University obtains a written opinion of nationally recognized bond counsel that this covenant, as it pertains to H.R. 3838, need not be complied with in order for the interest on the Series 1986 B Bonds to continue to be exempt from federal income taxation; and the Chairman or the Treasurer and other appropriate officers are hereby authorized to take such actions and give such certifications as may be appropriate to assure such tax exemption of interest on the Series 1986 B Bonds.

Section 6. Further Covenants. In addition to the covenants elsewhere contained herein, the University further covenants as provided in Section 13 of the Series 1985 A Bond Resolution, which covenants are incorporated herein as if fully set forth herein.

Section 7. Third Supplemental Indenture, Remarketing Agreement, Standby Agreement and Other Documents. In order to better secure the payment of the Bond Service Charges as the same shall become due and payable, the Chairman, the President of the University, the Secretary of the Board and the Treasurer, or any one or more of them, are authorized and directed to execute, acknowledge and deliver to the Trustee, the Remarketing Agent and the Bank, in the name and on behalf of the University and pursuant to the Original Indenture, the Third Supplemental Indenture, the Remarketing Agreement and the Standby Agreement, respectively, each in substantially the

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**AUTHORIZATION, ISSUANCE AND SALE OF VARIABLE RATE DEMAND GENERAL
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form submitted to this Board, or to such officers on behalf of this Board and the University, and hereby approved, with such changes therein as are not substantially adverse to the University and as may be permitted by the Act and approved by the officers executing the same on behalf of the University. The Third Supplemental Indenture shall also include the form of the Series 1986 B Bonds (the "Form of Bond"), attached thereto as Exhibit A. The execution of such documents by any of the officers shall conclusively evidence that the officers and the Board approve such changes and that such changes are not substantially adverse to the University. Each of such officers is further authorized to execute and deliver on behalf of the University such other certificates, documents and instruments as are necessary in connection with the acts authorized by this Resolution.

Section 8. Text of Resolution. The text of this Resolution authorizing the issuance and sale of the Series 1986 B Bonds and related acts by the University may be changed for the purpose of curing any ambiguity, inconsistency or formal defect or omission in this Resolution or in respect of this Resolution as it relates to the Original Indenture, the Third Supplemental Indenture, the Certificate of Award, the Form of Bond, the Contract of Purchase, the Official Statement, the Remarketing Agreement or the Standby Agreement. Such changes shall be subject to the approval of any one of the officers (referred to in Section 7 above) as being changes not substantially adverse to the University or contrary to the true intent and meaning hereof and shall be acceptable to Bond Counsel (as defined in the Original Indenture).

Section 9. Open Meeting Determination. It is found and determined that all formal actions of the Board concerning and relating to the adoption of this Resolution were adopted in an open meeting of the Board, and that all deliberations of the Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Revised Code.

Section 10. Effective Date. This Resolution shall take effect and be in force immediately upon its adoption. Reference shall be made to the Original Indenture and the Third Supplemental Indenture concerning matters not specifically addressed in this Resolution.

Upon motion of Mr. Redman, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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President Jennings made the following statement:

Mr. Chairman, one more item--it does not require official action--but I think it is important to all of us to note that at our next meeting in September, Myles Brand will report to you on Educational Affairs in his capacity as Vice President for Academic Affairs and Provost. On behalf of the University, I would like to express at this time our deep debt of gratitude, deep appreciation of the service that Dr. Firebaugh has rendered to this University. She came in with no slip at all, picked up where Deither left off, in the accomplished way that she has. I think that Ohio State University will be forever grateful to her for providing this great leadership to the institution during the changing

July 10 and 11, 1986 meeting, Board of Trustees

President Jennings: (contd)

times. Francille, on behalf of all of us, we deeply appreciate what you have done and we thank you from the bottom of our hearts. We expect a great deal more--she is not leaving--and she will be working on our international activities and she will, I know, do an outstanding job there, too.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 87-24

RESOLVED, That the report on the University's Investment Portfolio, dated June 20, 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, September 4, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

Daniel M. Galbreath
Chairman

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APPENDIX I
Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION
August 29, 1986

Commencement Speaker

Francille M. Firebaugh

Francille M. Firebaugh has served The Ohio State University as a faculty member and academic leader since 1962. A professor of family resource management, as well as the University's vice provost for international affairs, she first came to the University as a member of Ohio State's home economics faculty. Since then she has served as director of the School of Home Economics; associate dean of the College of Agriculture; acting vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources; associate provost and vice provost for international affairs; and as acting vice president for academic affairs and provost.

Firebaugh earned a doctoral degree in household economics and management at Cornell University, having received her master's and bachelor's degrees in related fields from the University of Tennessee and the University of Arkansas, respectively. Her interests in home economics, international development, and higher education administration are reflected in her numerous academic publications and presentations. Her leadership roles with national and international professional and higher education associations include service as a member of the board of directors of the Midwest Universities Consortium for International Activities.

In recent years, a special interest of hers has been the role of women in the economic development of Third World countries. Her extensive overseas experience includes work in Egypt, India, Malaysia, and Europe. As an internationally known consultant on home economics, she has served the profession of higher education as a member of teams reviewing academic programs in that field.

Firebaugh's leadership in academic and international affairs and in the colleges of Agriculture and Home Economics has been central to many areas of change and progress at Ohio State. As vice provost for international affairs, she brings her experience to a vast and growing interdisciplinary area that is of increasing importance to Ohio State, as well as higher education as a whole.

Recipients of Honors

Dale B. Baker Doctor of Science

Dale B. Baker was director of Chemical Abstracts Service in Columbus from 1958 until his retirement earlier this year. When he became director, Chemical Abstracts was a small, financially troubled abstracting and indexing service that was finding it difficult to maintain timely coverage of the growing volume of literature on chemical science and technology. Under his leadership, Chemical Abstracts became financially sound and modernized its information handling and publishing methods. Baker initiated a research and development program that placed it in the international forefront of the application of computers to the processing and handling of chemical information. Chemical Abstracts is now the world's largest nongovernmental scientific and technical information processor.

A native of Bucyrus, Ohio, Baker received his bachelor's and master's degrees from Ohio State in 1942 and 1948, respectively. After working as a chemist with duPont, he joined Chemical Abstracts Service in 1946 as an assistant editor. After promotions to associate editor and then associate director, he became director of Chemical Abstracts in 1958. In addition to his duties at Chemical Abstracts, he became chief operating officer of the American Chemical Society in 1980 and served as its deputy executive director from 1983-86.

Dale Baker has played a significant role in promoting the exchange of scientific and technical information nationally and internationally. He has held leadership positions in the International Council of Scientific and Technical Information, serving as general secretary from 1983-86. He has been a member of committees of the International Union of Pure and Applied Chemistry, the Organization for Economic Cooperation and Development, and UNESCO. Baker is a fellow of the American Association for the Advancement of Science and past president of the American Society for Information Science and the National Federation of Abstracting and Information Science.

Baker contributes his time and service to the community through such organizations as the Center for Science and Industry, the Columbus Area Chamber of Commerce, Rotary International, and North Broadway United Methodist Church. He has been a dedicated supporter of Ohio State. Baker served as president of The Ohio State University Alumni Association (life member) and as a member of the board of directors of the Development Fund and the Research Foundation.

The recipient of numerous honors for his professional activities, Baker has received an Alumni Centennial Award and a College of Engineering Distinguished Alumnus Award from Ohio State. The University is proud to recognize Dale B. Baker for his productive and innovative career.

John Deaver Drinko Doctor of Laws

John Deaver Drinko is an attorney and senior adviser to the managing committee of the law firm of Baker & Hostetler, which is based in Cleveland and has offices in Columbus, Denver, Washington, and Orlando. He joined the firm in 1945 and was made managing partner in 1969. During his career he gained a national reputation as an attorney and has been called on frequently to consult with businesses, other law firms, and judges concerning complex legal questions. During this time, he helped to build Baker & Hostetler from a well-regarded local firm to one of the 20 largest law firms in the nation.

Drinko received his bachelor's degree from Marshall University and earned a law degree from Ohio State in 1944.

Drinko serves as chairperson of the Cleveland Institute of Electronics Inc. and is a director of the Standard Products Company, Preformed Line Products Company, Cloyes Gear and Products Inc., Orvis Inc., Double D Ranch Inc., and Jones-Zylon Inc. He is an officer and trustee of the Arnold Foundation, the Cleveland Institute of Electronics Charitable Foundation, the Hostetler Foundation, the Mellen Foundation, and the Thomas F. Peterson Foundation. In the philanthropic circles of greater Cleveland, he has benefited such institutions as the Case Western Reserve Law School, University Hospitals, the Cleveland Clinic Foundation, and the John Carroll University School of Business.

Drinko's involvement with Ohio State has been active and generous. In April 1986, he was elected to the board of directors of The Ohio State University Foundation. He has served two terms on the Executive Committee of The Presidents Club and one term on the board of directors of The Ohio State University Development Fund.

As an active advocate of the College of Law, Drinko has served as president of the college's national council and has helped to establish the C. William O'Neill, John W. Bricker, and Newton D. Baker-Baker & Hostetler Endowed Professorships and the Noel F. George-Baker & Hostetler Library Fund. This year, along with his wife Elizabeth G. Drinko, colleagues, friends, and other contributors, he established the John D. Drinko-Baker & Hostetler Chair in Law.

In recognition of his service to Ohio State, Drinko received an Alumni Centennial Award in 1970 and the Distinguished Service Award in 1981. The University now proudly confers this new honor upon this well-respected alumnus.

Recipients of Honors

Paul Louis Lehmann Doctor of Humane Letters

Paul Louis Lehmann is regarded as one of the most active and influential theologians of modern times. Through more than half a century of teaching and writing, he has influenced countless numbers of students, professors, and others with an interest in philosophy and ethics. He has been characterized as a pioneer in the application of biblical and traditional Christian thought to the ethical issues that face the modern human race. One former student and colleague has written that Lehmann "has done more on an intellectual level than almost any person in America to relate the great generalities of the Christian theological tradition to the most concrete and specific of life-style and behavioral guidelines for religious people inside and outside the churches." This work in the area of "contextual ethics" has been presented in Lehmann's best-known books, *Ethics in a Christian Context*, published in 1963, and *The Transfiguration of Politics*, published in 1975, and in numerous other publications.

Lehmann is the Charles A. Briggs Professor of Systematic Theology, Emeritus, at Union Theological Seminary, in New York. He retired in 1974, after a teaching career that also included positions at Wellesley College, Princeton Theological Seminary, and Harvard University. Since his retirement, he has lectured extensively across the nation and has held several visiting professorships. He is a graduate of Ohio State, where he received a Bachelor of Arts with honors and a Bachelor of Science degree in education in 1927. He went on to receive a Bachelor of Divinity and a Doctor of Theology from Union Theological Seminary. Lehmann was ordained as a minister in 1937.

Lehmann has maintained a strong commitment to the practice of his philosophies. He has been active in worldwide Christian organizations, served as a delegate to the World Council of Churches, was president of the American Theological Society, and has been involved in causes for peace and assisting churches in oppressed nations. He was a leader of the Emergency Committee on Civil Liberties during the McCarthy era, and more recently, he has been active on the Committee for the Protection of the Foreign Born.

He has received honorary degrees from Lawrence College, Harvard University, Elmhurst College, Colorado College, and the University of Tübingen.

Ohio State proudly recognizes the significant contributions to society that have been made by this distinguished teacher and scholar.

Distinguished Service Awards

Virginia S. Conn Distinguished Service Award

From her days as an Ohio State undergraduate to the present, Virginia S. Conn's name has been synonymous with service to the University. While pursuing a Bachelor of Arts degree and a Bachelor of Science degree in education that she would receive with distinction in 1938, her activities included Strollers Dramatic Society, the Browning Dramatic Society, the Pomerene Advisory Board, and Women's Ohio (Student Senate). She was inducted into Chimes, Mortar Board, and the educational honorary Pi Lambda Theta.

Since completing her undergraduate studies and subsequently earning a master's degree in 1942, Conn has been an active and dedicated alumna. As a life member of the Alumni Association, she has served on the association's board of directors, as well as on the board of directors of the Development Fund. Conn is a past president of the Franklin County Alumnae Club, the Alumnae Council, and the Alumnae Scholarship Houses Advisory Board. She has served on planning committees for numerous Women's Day seminars and is a past chairperson of "A Day with the Arts." In 1985, she chaired the 50th reunion activities for the Alumnae Scholarship Houses and the Alumnae Council.

Conn was a member of the continuing education planning committee, which led to the existence of noncredit continuing education programs, and is a past president of the Starling-Ohio Women's Club, an organization of wives of University medical and dental faculty.

The community has benefited from Virginia Conn's efforts as well. She is a past president of the Women's Auxiliary to the Academy of Medicine of Columbus and Franklin County and the Canterbury Unit of the Columbus Symphony Orchestra. She has also been secretary and chairperson of women's special gifts during her 25 years of service to the Franklin County Heart Council.

Conn received the University's Alumni Centennial Award in 1970. Ohio State is pleased to present her with the Distinguished Service Award in recognition of her many years of unselfish devotion to Ohio State and the community.

Arthur E. Shepard Distinguished Service Award

Arthur E. Shepard is chairperson emeritus of the insurance brokerage firm, Turner & Shepard Inc., a subsidiary of Alexander & Alexander Inc. He now serves as a consultant to Alexander & Alexander. A native of Cambridge, Ohio, Shepard attended Ohio State in the College of Commerce in the early 1930s and also attended Franklin University. He holds the CLU designation from the American College of Life Underwriters. He is president of Mar-Lyn Corporation.

Shepard has been an enthusiastic and generous supporter of Ohio State for many years. He joined The Presidents Club in 1966 and has been a member of its Executive Committee for 11 years. He completed his fifth term as chairperson of the Executive Committee in May.

In 1982, he established the Arthur E. Shepard Professorship in Insurance in the College of Business. Shepard has also supported the Athletic Grant-in-Aid program, the Friends of WOSU, and the College of Medicine through additional gifts to the University. He is a charter member of The Presidents Council.

In addition to his Presidents Club involvement, Shepard is a member of the National Campaign Committee for The Ohio State University Campaign, and he serves on the Nominating Committee of the board of directors of The Ohio State University Foundation. He is a member of the University's Alumni Association.

Shepard has been active in professional circles and in the community. He is past president of the Columbus chapter of the American Society of Chartered Life Underwriters and a past board member of the Columbus Life Underwriters Association. He is a past board member of the Columbus Area Chamber of Commerce and served on the Columbus Downtown Action Committee. He has been a member of the Development Committee for Greater Columbus Parks and Recreation Committee. He also served as chairperson of the First Community Church Board and First Community Foundation.

Shepard's generosity has also benefited the United Way of Franklin County, Children's Hospital, the Columbus Heart Association, the Center of Science and Industry, the Columbus Symphony, the Columbus Museum of Art, the Columbus Association for Performing Arts, the Columbus Zoo, and other educational and charitable organizations.

Shepard received an Honorary Alumni Award from Berea College in 1980. Ohio State is grateful for his dedication and is pleased to extend this honor to him.

The Graduate School

Dean: Roy A. Koenigsnecht

Doctor of Musical Arts

David Manuel Garcia, Worcester, MA; B.Mus., B.Mus.Ed., M.M. (Bowling Green State University); Music
Dr. Thomas H. Wells

Doctor of Philosophy

Kadry A. Abdelhamied, Cairo, Egypt; B.S. (Cairo University); M.S.; Bio-Medical Engineering
Dr. Manjula B. Waldron

John Irwin Aber, Newark, B.A. (Otterbein College); M.A.; Education
Dr. Donald R. Bateman

Albert Agresti, Worthington; B.A. (University of Massachusetts); M.A. (Boston College); M.A. (University of San Francisco); Psychology
Dr. Richard K. Russell

Kyunghye Ahn, Seoul, South Korea; B.S. (Yonsei University); Chemistry
Dr. Jack Hine

Faysal Yousef Al-Abbass, Damascus, Syrian Arab Republic; B.Sc. (Damascus University); M.S.; Electrical Engineering
Dr. Umit Ozgurer

Ali Mohamad Al-Ghothani, Enchel, Deraa, Syrian Arab Republic; B.Sc. (Aleppo University); M.S.; Civil Engineering
Dr. Ranbir Sandhu

Mary Kathryn Allen, Grove City; B.S.; M.S. (Air Force Institute of Technology); M.A.; Business Administration
Dr. Bernard J. LaLonde

Aruk E. Amba, Calabar, Cross River, Nigeria; B.Sc. (University of Nigeria); M.S.; Agricultural Education
Dr. J. Robert Warmbrod

David Bruce Andrews, Keene, NH; A.B. (Oberlin College); Education
Dr. Marlin Languis

Eugene Paul Baron, Columbus; A.B. (Syracuse University); M.A. (State University of New York, Albany); Classics
Dr. Jane M. Snyder

Leslie Ann Bart, Los Angeles, CA; B.A. (Central State University); M.A.; Psychology
Dr. Lyle D. Schmidt

Laurie Rae Baxter, Vancouver, British Columbia, Canada; B.Ed., M.Ed. (Western Washington University); Art Education
Dr. Kenneth Marantz

Rahim Farahnak Benekohal, Bostan-Abad, Iran; B.S.C.E., M.S.; B.S. (University of Rezaieh); Civil Engineering
Dr. Joseph Treiterer

John Frederick Berning, Urbana; B.S.Ed. (Ohio University); M.A.; Education
Dr. Donald L. Haelele

Andras Bezdek, Columbus; M.S., Doctor (Eotvos University); Mathematics
Dr. Alan C. Woods, Dr. Hans J. Zassenhaus

John F. Bosse, Hobart, IN; B.A. (Don Bosco College); M.Div. (Pontifical College Josephinum); M.A.; Education
Dr. Judy Genshaft

Willard Earl Brown, Delaware; B.S.Ed. (Ashland College); M.Ed. (Miami University); Health, Physical Education and Recreation
Dr. Daryl Sidentop

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Dr. Charles L. Mand

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Dr. R. Kirby Barrick, Jr.

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Dr. B. Chandrasekaran

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Dr. Henry J. Schmidt

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Dr. Virginia Richardson

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Dr. J. Dennis Nolan

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Dr. Robert Bartoszynski

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Dr. Ali E. Engin

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Dr. Randall J. Olsen

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Dr. Charles L. Mand

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Dr. F. Joseph Margraf

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Dr. Ming T. Liu

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Dr. Charles Wenar

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Dr. David L. Bickelhaupt

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Dr. Wilbert E. Wilhelm

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Master of Arts

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Robert Eugene Harper, Uniontown, PA; A.B. (Wittenberg University); M.A., Ph.D. (University of Pittsburgh); *City and Regional Planning*

Alla Abdullah Said, Riyadh, Saudi Arabia; B.S.C.E.; *City and Regional Planning*

Master of Fine Arts

Steven Elbert Boone, Birmingham, AL; B.A. (University of Alabama); *Theatre*

Nina E. Borgia-Aberle, Somers, NY; B.F.A. (State University of New York, New Paltz); *Art*

Cindy Conison, Columbus; B.F.A. (Western Washington University); *Art*

Julie Ann Tamara Engelbrecht, Portola Valley, CA; A.B. (University of California at Davis); *Theatre*

Timothy Alan Massey, Knoxville, TN; B.F.A. (University of Tennessee); *Art*

Robert Henry McGee, Clinton, SC; B.F.A. (The Columbus College of Art and Design); *Art*

Mary Katherine Ostwald, Watervliet, NY; B.S. (The College of Saint Rose); *Art*

Master of Health Administration

Jo Ann Fisher, Columbus; B.S. (Capital University); *Hospital and Health Services Administration*

Master of Labor and Human Resources

Beth Ann Herold, Columbus; B.S.Bus.Adm.; *Labor and Human Resources*

Sally Beondo Kreuchauf, Reynoldsburg; B.S.Ed.; *Labor and Human Resources*

Anne Allyn Rosher Peterson, Columbus; B.A., M.A. (University of Chicago); Ph.D.; *Labor and Human Resources*

Thomas Nelson Shiflet, Newark; B.S.Bus.Adm.; *Labor and Human Resources*

Glenn Scott Warrick, Newark; B.A.; *Labor and Human Resources*

Master of Landscape Architecture

Yunn-Tay Lee, Tainan, R.O.C.; B.Arch. (Chung-Yuan University); *Landscape Architecture*

Master of Liberal Studies

Deborah Sue Akers, Columbus; B.A.; *Liberal Studies*

Master of Music

Laura McGahee Baxter, Bristol, B.A. (Emory University); *Music*

Catherine Charlton, Cary, NC; B.Mus. (Trinity University); *Music*

Sung Um Kim, Daegu, Kylagpook, R.O.C.; B.M. (Youngnam University); *Music*

Elizabeth Gretchen Vogel, Mequon, WI; B.Mus. (University of Wisconsin); *Music*

Master of Public Administration

Leigh Irwin Levine, Deerfield, IL; B.A. (Miami University); *Public Administration*

Lori Annette Trego, Delaware, B.A. (Ohio Wesleyan University); *Public Administration*

Master of Science

Kevin Dale Adams, Leesburg; B.S.Agr.; *Agricultural Economics and Rural Sociology*

Mahmoud Ahmadi, Saveh-Doozaj, Iran; B.A. (Jersey City State College); *Agronomy*

Eric Carl Anderson, Toledo; B.S., B.S. (Ohio University); *Physics*

Francisco Antonio Andujar, Dominican Republic; B.S. (Liceo Jose Marti); D.V.M. (Universidad Autonoma de Santo Domingo); *Veterinary Pathobiology*

Robert James Avery Atherton, Newcomerstown; B.S.Agr.; *Agricultural Education*

Rajendra Ratna Bajracharya, Kathmandu, Nepal; B.Sc. (Northeast London Polytechnic); *Geodetic Science*

Kayvan Barin, Tehran, Iran; B.S.E.E.; *Electrical Engineering*

Eve Louise Baron, Marion; B.A.; *Agricultural Economics and Rural Sociology*

George William Baxter III, Bristol, TN B.S. (Emory University); *Physics*

Jewel Renee Best, Goldsboro, NC; B.S. (North Carolina Central University); *Home Economics*

Vishwa Bhushan, Jamshedpur, India; B.Tech. (Indian Institute of Technology, Kharagpur); *Mining Engineering*

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Rethia Sue Boyce, Niangua, MO; B.S. (University of Missouri-Rolla); *Ceramic Engineering*

- Peggy Lou Braddock**, Columbus; B.S.N. (Ohio University); *Nursing*
- Dorothy P. Brandon**, Alton, VA; B.S. (Norfolk State University); *Home Economics*
- Michael Kevin Budinski**, Rochester, NY; B.S. (State University of New York at Buffalo); *Metallurgical Engineering*
- John Arnold Bunge**, Columbus; B.A. (Macalester College); M.A. (Miami University); *Statistics*
- Shu-Wha Chen**, Taichung, R.O.C.; B.S. (National Taiwan University); *Civil Engineering*
- Hoong-Leong Chew**, Taipei, R.O.C.; B.S. (National Taiwan University); *Civil Engineering*
- Han-Ru Chu**, Taipei, R.O.C.; B.S. (National Chung-Hsing University); *Civil Engineering*
- Fu-Chien Chung**, Kaohsiung, R.O.C.; B.S. (National Cheng-Kung University); *Metallurgical Engineering*
- Leonid Chuzhoy**, Columbus; B.S.M.E.; *Mechanical Engineering*
- Michael John Colburn**, Columbus; B.S.I.S.E.; *Industrial and Systems Engineering*
- Debra Irene Collins**, Columbus; B.S. (Ashland College); *Home Economics*
- Gilbert Wilson Collins III**, Columbus; B.S., B.A. (University of Cincinnati); *Physics*
- James Michael Colvin**, Norwalk; B.S. (University of Notre Dame); *Bio-Medical Engineering*
- Hector Patricio Contreras**, Santiago, Chile; Ingeniero Civil (Universidad de Santiago de Chile); *Geodetic Science*
- Curtis Clair Cowan**, Elyria; B.S.M.E.; *Mechanical Engineering*
- Susan Patricia Crank**, Groveport; B.S.Agr.; *Agricultural Education*
- David Jon Darkow**, Akron; B.S.E.E.; *Bio-Medical Engineering*
- Hartono Darmawaskita**, Indonesia; B.S.E.E.; *Electrical Engineering*
- Janice Elaine Dean**, Worthington; B.S., M.S. (Texas Christian University); *Nursing*
- Cheryl H. DeVore**, Columbus; B.A.; *Allied Medical Professions*
- Clark Richard Dohrmann**, Tullahoma, TN; B.S.M.E.; *Mechanical Engineering*
- Mary Ellen Domask**, Worthington; B.S.N. (George Mason University); *Nursing*
- Glen Patrick Doucet**, Grosse Tete, LA; B.S. (University of Southwestern Louisiana); *Metallurgical Engineering*
- Thomas Gerard Dunford**, Jacksonville Beach, FL; B.S. (The University of Florida); *Metallurgical Engineering*
- Lance E. Durfey**, Fulton, NY; B.S. (Cornell University); *Natural Resources*
- Lisa Jo DuVernay**, Columbus; B.S.Met.E.; *Metallurgical Engineering*
- Scott Ruggles Ellis**, Huron; B.S.Ch.E.; *Bio-Medical Engineering*
- Arthur Evan Exten**, Columbiana; B.S. (United States Military Academy); *Physics*
- Linda Elizabeth Francetic**, Euclid; B.S.Nutrition; *Home Economics*
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- Jill Marie Funfar**, Pittsburgh, PA; B.S.N. (University of Pittsburgh); *Nursing*
- Beena Garg**, Kota, Rajasthan, India; B.E. (Birla Institute of Technology and Science); *Computer and Information Science*
- Suresh Venkata Garimella**, Visakhapatnam, India; B.Tech. (Indian Institute of Technology, Madras); *Mechanical Engineering*
- Robert Wayne Gatewood**, Wollaston, MA; B.A., M.S. (Marshall University); *Environmental Biology*
- Victoria Irene George**, Newark; B.S.Agr.E.; *Agricultural Engineering*
- Lawrence C. Gerken, Jr.**, Holgate; B.S.; *Agricultural Education*
- Asish Ghosh**, Columbus; B.Tech. (Indian Institute of Technology, Kanpur); *Ceramic Engineering*
- Michael Parker Gibson**, Columbus; B.S.; *Mathematics*
- Lorelei Linda Grines**, Dublin; B.S.Pharm.; *Pharmacy*
- Kathleen Frances Groch**, Chicago, IL; B.S. (Saint Xavier College); *Nursing*
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- Daniel Robert Halterman**, Wadsworth; B.S. (Kent State University); *Natural Resources*
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- Richard E. Herrold**, Columbus; B.A. (The College of Wooster); *OSU Biochemistry Program*
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- Kamaludin Hj. Mohd. Omar**, Sabak Bernam, Selangor, Malaysia; B.Sc. (University Technology); *Geodetic Science*
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- Yunkui Hou**, Wuhan, HuBai, P.R.C.; B.S. (Wuhan Technological University of Survey); *Geodetic Science*
- Philip Hughes**, Laguna Beach, CA; B.S. (University of Southern California); *Geology and Mineralogy*
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- Peter Allan Jensen**, Canberra A.C.T., Australia; B.S. (Western Australian Institute of Technology); *Geodetic Science*
- Brett Michael Johnson**, Middleton, WI; B.S. (University of Wisconsin-Madison); *Zoology*
- John Gerard Jurcak**, Cleveland; B.S. (University of Dayton); *Chemistry*
- Joseph Francis Kanney**, New Washington; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*
- Junil Kim**, Seoul, South Korea; B.S. (Seoul National University); *Industrial and Systems Engineering*
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- Joseph Frank Kotnik**, Chesterland; B.S.W.E.; *Welding Engineering*
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- Cheol Eui Lee**, Seoul, South Korea; B.Sc. (Seoul National University); *Physics*
- Eleanor Joyce Leech**, Mansfield; B.S.Nurs.; *Nursing*
- Mary Leone**, Dayton; B.S. (Rensselaer Polytechnic Institute); *Industrial and Systems Engineering*
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- Qing-Rui Liu**, Xing-tang, Hebei, P.R.C.; B.A. (Fudan University); *Engineering Mechanics*
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Sandra Kay Neal, Jackson; B.S.Nurs.; *Nursing*

Michael Edward Newman, Water Valley, MS; B.S. (Mississippi State University); *Agricultural Education*

Thomas Lee Oglesby, Hillsboro; B.S.Agr.; *Agricultural Education*

JoAnn Oliver-Rose, Worthington; B.S. (Ohio Northern University); *Pharmacy*

Richard L. Orndorff, Kent; B.S. (Virginia Polytechnic Institute); *Mechanical Engineering*

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Aloke Kumar Prasad, Darbhanga, Bihar, India; B.Tech. (Indian Institute of Technology, Kanpur); *Mechanical Engineering*

Barbara Ann Preusser, Columbus; B.S.N. (University of the State of New York); *Nursing*

Robert John Ragan, Youngstown; B.S. (Youngstown State University); *Food Science and Nutrition*

Tharuvai Sundaram Ramesh, Bombay, Maharashtra, India; B.Tech. (Banaras Hindu University); *Chemical Engineering*

Melanie Ann Riedinger, Columbus; B.S. (Northern Kentucky University); *Zoology*

Joseph Russell Robb, Marion, IN; B.S. (Purdue University); *Zoology*

Teresa Jane Roberts, Grand Island, NY; B.S. (University of Florida); *Civil Engineering*

Wade Raymond Rose, Cambridge, Ontario, Canada; B.Eng. (Royal Military College of Canada); *Welding Engineering*

Mohamed Rouchdi, Settat, Morocco; B.S. (Inst Agro et Vethassani); *Geodetic Science*

Thana Ruangsilasingha, Bangkok, Thailand; B.S. (Chulalongkorn University); *Metallurgical Engineering*

Barbara Ellen Schechter, Shaker Heights; B.S. (University of Kentucky); D.V.M.; *Animal Science*

Diane Marie Schotzinger, Tallmadge; *Home Economics*

Michael Christopher Shaw, Columbus; B.S. (University of California, Berkeley); *Ceramic Engineering*

James Brian Shilling, Columbus; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*

Alison Achbach Smith, Westerville; B.S.; *Environmental Biology*

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Jinyoung So, Seoul, South Korea; B.S. (Seoul National University); *Engineering Mechanics*

Karen Lee Stanley, Proctorville; B.S. (West Virginia University); *Nursing*

Carolyn Supplee, Mantua, NJ; B.A. (Goucher College); *Chemistry*

Barbara Rose Sweeting, New Haven, CT; B.S. (Southern Connecticut State University); *Chemistry*

Patricia Taige, Ottobrunn, West Germany; Diplom-Ingenieur (Fachhochschule Karlsruhe); *Bio-Medical Engineering*

Donald Frank Tandy, Jr., Beavercreek; B.S.M.E.; *Mechanical Engineering*

Andrew William Taylor, Madison, WI; B.S. (University of Wisconsin); *Dairy Science*

Anthony Thermos, Eleusis, Attica, Greece; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*

Ouida Lauretta Thomas, Upper Marlboro, MD; B.S.N. (Columbia Union College); *Nursing*

Gayle M. Timmerman, Delaware; B.S.N. (University of Florida); *Nursing*

Gene Vanwinkle Todd, Hebron; B.S.H.E.; *Home Economics*

Hock-Siew Toh, Muar, Johore, Malaysia; B.S. (National Taiwan University); *Civil Engineering*

Joseph Michael Usoff, Franklin, PA; B.S. (Carnegie-Mellon University); *Electrical Engineering*

Onyx W.H. Wai, Kowloon, Hong Kong; B.A.Sc. (University of Windsor); *Civil Engineering*

Thomas Allen Waite, Calais, ME; B.A. (University of Maine); *Zoology*

Thomas Michael Walliser, Columbus; B.S.M.E.; *Mechanical Engineering*

Toru Watanabe, Kurasiki, Okayama-Ken, Japan; B.S. (Tokyo University); *Civil Engineering*

Ben Weinstein, Beachwood; B.S.Ch.E.; *Chemical Engineering*

Tracy Jo Werth, Troy; B.S. (Miami University); *Home Economics*

Dean Alan Wheeler, Shaker Heights; B.S.Met.E.; *Metallurgical Engineering*

Matthew Wilmer White, Worthington;
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Welding Engineering

Paula Ann Snyder Wiley,
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Missouri-Rolla); *Chemical Engineering*

Joan Elizabeth Williams, Columbus; B.S.
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Cynthia Marie Wise, Dayton; B.S.Met.E;
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Sancai Xie, Wuhan, Hubei, P.R.C.; B.S.
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Science*

Deborah Lynne Young-Bowden,
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(University of Florida); *Civil Engineering*

Master of Social Work

Michael Earl Bush, Columbus; B.S.
(Capital University); *Social Work*

Mee-Hye Kim, Seoul, South Korea; B.A.,
M.A. (Ewha Women's University); *Social
Work*

Michael Flynn Novak, Union; B.S.
(Wright State University); *Social Work*

Renée Annette Ross, Shreveport, LA; B.S.
(Evangel College); M.A. (Louisiana
Technical University); *Social Work*

Heidi Lind Steinbrenner, Wellesley;
A.S.W., B.S.W. (University of Cincinnati);
Social Work

Alicia Virene West, Hilliard; B.S.; *Social
Work*

Bernard Floyd Williams, Jr., Columbus;
B.A.; *Social Work*

Thomas Lynn Woolison, Mt. Vernon;
B.S.Agr.; *Social Work*

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Chairman, Coordinating Council of Deans:
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College of the Arts
College of Biological Sciences
College of Humanities
College of Mathematical and Physical Sciences
College of Social and Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

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Kim Lowry Graham, Upper Arlington
Mark S. Maselli, Columbus
Kimberly Ann Menning, Annandale, VA
Louie Douglas Peabody, Greenfield
Ronda L. Ruble, Kettering
Joseph Edward Walters, Bexley
Elizabeth Ann Wanser, Chagrin Falls
Mark C. Weiser, Canal Winchester

Bachelor of Fine Arts

Apryl Andrea Allen, Columbus
Jeffrey Park Arter, Ontario
Paul Thomas Carroll, Garden City, NY
Deborah Ann Clendening, Cincinnati
Carlotta Maria Colombo, New Carlisle
Anita Rose Dorsey, Columbus
Dana Lynn Fritz, North Royalton
Howard Dexter Gasaway, Upper Arlington
Karen Denise Kneisley, Strongsville
Daniel Lee Kraft, Circleville
Gavin Scott Levin, San Diego, CA
Barbara Susan McVay, Columbus
Gail Marie Peper, Ada
Thomas Edwin Phillips, Jr., Portsmouth
Mark Stephen Pigram, Louisville, KY
Lisa Gail Sillman, Columbus
Melanie Joy Stanley, Nelsonville
Eric Vaughn Stogdill, Columbus

Bachelor of Music

Matthew MacDonald Huesmann, Powell
Susan Kay Johnson, Warren
Russell Woodworth Lossing, Columbus

Bachelor of Art Education¹

Jacquelyn Jae Klema, Pataskala
Jean Marie Rowley, Ashtabula
Staci Lynne Sperling, Youngstown

Bachelor of Art Education²

Ellen Rose Efsic, Columbus
Mary Anne Frecka, Mansfield
Pamela Sue Gross, Lyndhurst
Margaret Wilbur Oakley, Berea

Bachelor of Music Education²

Eric Rigoberto Godoy, Wheaton, IL
Randy Jay Manypenny, Columbus
Orin S. Mayer, Columbus
Joseph Edward Reed, Belle Center
Lauri Ann Sutterfield, Peru, IN
William John Thissen IV, New Albany

Bachelor of Science in Industrial Design

James Michael Byrne, Mansfield
Alan Jazak, Garfield Heights
Carol Ann Lombardi, Columbus
Brian Noel Miller, Dayton
P. Kelly Mooney, New Lexington
David Robert Schirtzinger, Columbus
Kim A. Yankovich, Strongsville

College of Biological Sciences

Dean: William A. Jensen

Bachelor of Science

Brent Steven Applebaum, Columbus
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Pamela Sue Bridges, Columbus
Kathleen M. Bulman, Randolph, MA
Francis Marion Burns II, Columbus
Kathleen Louise Butler, Columbus
Warren Scott Chapman, Alliance
Henry George Covetta, Mentor
William Charles Gerard, Garfield Heights
George Theodore Glaros, Massillon
Carol Ann Goodman, Parma Heights
Pamela Jean Herring, Findlay
David Powell Hunt, Hamilton
Paul Joseph Ingrao, Columbus
David Michael Johnson, Minerva
William Benjamin Larson, Chagrin Falls
John M. Lepi, Wakatomika
Edward Michael Lewis, Columbus
Michael Patrick McBride, Columbus

¹Offered by the College of the Arts

²Offered by the College of the Arts and the College of Education

Christopher Troy Nassif, Cleveland
Daniel Edward Nixon, Bellefontaine
Kevin Michael Rodeman, Toledo
Melissa S. Roth, Conneaut
Kathleen Ann Smith, Vermilion
Marjean Ann Taylor, Bay Village

College of Humanities

Dean: G. Micheal Riley

Bachelor of Arts

Steven Marc Adler, Dayton
James David Alexander, Huber Heights
Barbara Anne Ashley, Ithaca, NY
Andrew Scott Baldy, Galion
Sharon Denise Ballard, Columbus
Brett Ralph Barker, Columbus
Joyce Ellen Bell, Berea
Sandra Lois Blevins, Columbus
Gilbert Max Bogner, Mansfield
Katherine Elaine Botkin, Columbus
Eric Todd Buchanan, Salem
John M. Crawford, Fort Wayne, IN
Kevin W. Eggerman, Bay Village
Chase Eyster, Fredericktown
Kimberly Jai Fagerstrom, Odessa, TX
Lori J. Faris, Mentor
Mario Joseph Fazio, Willoughby Hills
Joyce Ann Fee, Maple Heights
Kenneth Lee Hagy, Toronto
Renée Marie Holland, Shaker Heights
Teresa Ann Horstman, Dublin
Kimberly F. Jones, Pickerington
John Wright Kennedy, Upper Arlington
Patricia Ann Klena, Akron
Benjamin Sun-Ching Ko, Columbus
Michael Anthony Lanese, Mayfield Village
Alan Gregory Lewis, South Euclid
Rosemarie Janet Lim, Toledo
John Robert Lindamood, Worthington
Colleen Brigid Malone, Columbus
Denise Elaine Maragos, Steubenville
Mark Allen McNamara, Columbus
Kellie Renee Nagel, Columbus
Timothy Clark Odom, Villa Hills, KY
Michael James Pappas, Upper Arlington
Terri Lynn Rutter, Columbus
Cynthia Louise Sands, Columbus
Linda Blanchard Santamaría, Columbus
Monte Glen Smith, Granville
Arlene Tannehill, Columbus
Mary Melinda Triner, Chicago, IL
Roger V. Vorst, Kalida
Lisa Michele Walls, Greenfield
Julie Kay Welsh, New Philadelphia

College of Mathematical and Physical Sciences

Acting Dean: John O. Riedl, Jr.

Bachelor of Arts

Erinda Dabbay Dela Rosa, Manila, Philippines
Douglas Mark Feller, Hartville
Barbara Jean Miller, Avon Lake
Joyati Ray-Chaudhuri, Worthington
Karen Beth Thomas, Alliance

Bachelor of Science

Akram Abdelqader Alish, Amman, Jordan
Stephen Michael Betschman, Norwalk
Sally Lee Buck, Loveland
Paul A. Crouch, Greenfield
Robert D. Cunningham II, Shaker Heights
Theresa Mary Czerwik, Columbus
Timothy James Delap, Canton
Droupadi Dharmavaratha, Sri Lanka
Amy J. Eschhofen, Bryan
Gayle Lynn Geistweite, Reynoldsburg
Paul Sidney Gregg, Marysville
Ann Elizabeth Hamilton, Sturgis, MI
Susan Lynn Harbottle, Canton
Lora Ann Harris, Toronto
Jonathan Patrick Jester, Delphos
Raymond Lawrence Kennedy, Worthington
Jeffrey Douglas Kister, Reynoldsburg
Daniel Gregg Lincicome, Columbus
Edward George Merrin, Amsterdam
Mark Wayne Miller, Salem
Thomas Joseph Mullen, Chardon
Stephen William Park, Columbus
John F. Paskievitch, Reynoldsburg
Thomas Daniel Pomeroy, Columbus
Christopher W. Raudabaugh, Celina
Sonya D. Ray, Dayton
Margaret Kiyoko Sato, Columbus
Jan Raymond Satola, Anchorage
Patricia Caroline Schwartz, Lorain
Larisa Slutsky, Columbus
Michael Smock, Westerville
Michael Dan Sumption, Gahanna
Laura Elaine Tullos, Utica
G. Michael Vaughan, Hartville
Robert Louis Velenyi, Lyndhurst
Heidi Rosemarie Wenger, Columbus

College of Social and Behavioral Sciences

Dean: Joan Huber

Bachelor of Arts

Therese Marie Abel, Columbus
William P. Allen, Greenwood, DE
James C. Anderson, Columbus
Traci Joi Anthony, Cleveland
Sharon Elisabeth App, Columbus
Karl Alan Arula, Parma
Rebecca R. Bailey, Johnstown
Robin Elizabeth Bailey, Bay Village
Craig Alan Bales, Waynesfield
Sharon Denise Ballard, Cleveland
Charles Andrew Banks, Chagrin Falls
Carla Ann Beardsley, Marietta
Cara Leigh Beaurline, Greenwich, CT
Jacqueline Victoria Bland, Cleveland
Rebecca Lynn Blubaugh, Mt. Vernon
Mary Ann Bonarrigo, Columbus
Katherine Anne Boyer, Westfield Center
Timothy A. Brogan, Warren
Janice Carol Brown, Marion
Rodger Julius Brown, Jr., Columbus
Tracy Lynn Buckingham, Dublin
Violet Ann Bungartner, Westerville
Michael Anthony Burcus, Columbus
Pamela Ann Cadora, Columbus
C. Daniel Carroll, Cincinnati
Sheryl L. Chatfield, Grove City
Jody Lynne Claflin, Westerville
Robert F. Connors, Columbus
Jay Dee Cronley, Kenton
Tracy Lynn Cunningham, Orrville
Michael Richard Deakins, Columbus
Thomas Christopher Defet, Englewood
Dean Michael DeMassimo, Garfield Heights
Jennifer Anne Diederich, Columbus
Dorcas Dee Drozdenko, Bellefontaine
Faith Dunson, Dayton
Roger Allen Eldridge, Mansfield
Mark Eric Engle, Columbus
Mark Thomas Favetti, Richmond Heights
Kenneth L. Ferguson, Columbus
Mark Jay Fierman, Lyndhurst
Tara Lynn Fitch, Stockport
Stacy Lee Fogarty, Columbus
Betsy Jill Freedman, Cincinnati
Robin L. Freedman, Columbus
Laura Lee Frost, Dayton
Patrick Michael Frost, Youngstown
Konrad Allen Fuetter, Medina
Kelley Lee Galloway, Dayton
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Robert A. Gruhl, Port Colborne, Ontario, Canada
Steven Thomas Gyuro, Upper Arlington
Ollie N. Hatfield, Reynoldsburg
John Halliday Hayes, Dallas, TX
Julie Wilner Hayes, Cape Coral, FL
Meredith Ann Hill, Columbus
Mark Edward Hoadley, Columbus
Calvita Michelle Holt, Dayton
Elisabeth More Holtkamp, Cincinnati
Deborah Ann Horn, Worthington
Paul Francis Howard, Hudson
Christopher Sean Hurley, Westerville
Heidi Dawn Johnson, Columbus
Marc E. Johnson, North Ridgeville
Donald J. Kalamas, Reynoldsburg
Maria Heleni Kambitsi, Athens, Greece
Paul Joseph Karem, McMurray, PA

Gus W. Katschka, Rocky River
Barbara Ann Keenan, Columbus
Emmett Edward Keith-Jones III, Xenia
Susan Lee Kelso, Malvern, PA
Ronald Jason Klein, Newark
David Michael Krieg, Columbus
Judith M. Kutney, Cincinnati
Diana Erica Ladd, Wooster
Lori Celeste Lamprecht, Columbus
Daniel Eugene Laverack, Columbus
William Lockary Lawson, Columbus
Laurel Rosemarie Lockridge, Columbus
Amy L. Logsdon, St. Louis
Cathryn Ann Luskoski, Huber Heights
Mark Lawrence Macioce, Huron
Martin Patrick Malloy, Dayton
Marsha Therese Markja, Toledo
Lori A. Matsanoff, Pickerington
Alice Reiley Mattimoe, Ferdinandina Beach, FL
Thomas Michael McClaine, Columbus
Scott Richard McCray, Upper Arlington
Pamela Hauke McGinnis, Hillsboro
Amy J. McGookey, Sandusky
Marjorie Louise Mershon, Warren
Rebecca Sue Milford, Granville
Jay Richard Miller, Delaware
Kimberly Gordon Mills, Cincinnati
Cynthia Louise Minnich, Columbus
Beth Mitchell, Westerville
Christopher James Moyer, Mentor
Matthew Grant Mullaney, Cincinnati
Scott Russell Needleman, Columbus
Michael Robert Nusbaum, Toledo
Robin Benita Ogletree, Columbus
Robert Raymond Olszewski, Warren
Karen Celeste Orr, Reynoldsburg
Debora F. Pariano, East Sparta
Diane Marie Perri, Columbus
Jan Elizabeth Piehowicz, Columbus
Monica Marie Pockar, Euclid
Gregory Michael Policka, Grand Rapids, MI
Dean William Printy, Sandusky
Stephen G. Rady III, Toledo
Antonietta Ragone, North Royalton
Laura Ann Reichert, Worthington
Paul Stephen Richardson, Upper Arlington
Shelly Kay Robinson, Centerville
Michael J. Roesch, Columbus
Eric Steven Rogoff, Beachwood
William Carl Scheel, Stratton
Kurt William Schloss, Akron
Sharon Anne Schneider, Avon Lake
Heidi Carlson Schwenkel, Lakewood
Paula Lynn Slakis, Columbus
Amy Lynne Slemmons, Marion
Jeffrey Wayne Slyh, Columbus
James Donald Smith, London
Michelle Marie Smith, Colliers, WV
Karl Boyd Spaulding, Hillsburg
Gavin Daniel Spitzner, Westerville
Andrew Barry Stayman, Dayton
Yvonne Marie Stewart, Canfield
Jon Kevin Stump, Dublin
William Michael Taber, West Palm Beach, FL
Lawrence James Taylor, Troy

Michelle Ann Thompson, Queens, NY
 Todd Charles Trickler, West Carrollton
 Kimberly Susan Whitcomb, Columbus
 Kim L. Williams, Cleveland
 Joseph David Wisne, Columbus
 Jane Wong, Columbus

Bachelor of Science

Kenneth Evans Baxter, Columbus
 Marilyn Bernstein, Beachwood
 Sharon Lee Biddle, Columbus
 Eric Lewis Bonder, Ann Arbor, MI
 Jeanne Renee Bridenbaugh, Pandora
 Barbara Ann Dauenhauer, Little Ferry
 Lisa Ann DeMatteo, Columbus
 Lisa Annette Freed, Rittman
 James Randell Goff, Jackson
 Naveed Hasnain Ismail, Columbus
 Alisa Sue Kaye, Kettering
 Thomas Edward Kiepper, Warren
 Allen Richard Langenbahn, Jr., Cincinnati
 Lisa Lee Leitzell, Berea
 Mariellen K. Lemon, Mansfield
 Richard Louis McAdams, Springfield
 Laura Anne Palenick, Pickerington
 Michael Roger Snaveley, Bellville
 Daven Randall Turner, Washington Court House
 Gary Alan Vizzo, Xenia
 Lisa Michele Walls, Greenfield
 Ursula Roseann Wenger, Columbus
 Clinton Ralph Wilcoxson II, Dayton
 Susan Patricia Young, Lodi
 Cynthia Anne Zeisler, Mineral Ridge

School of Journalism

Bachelor of Arts in Journalism

Margaret Ellen Bednarski, Maple Heights
 Paul Jeffrey Birken, Gahanna
 Alan Benjamin Bonowitz, Bexley
 Richard James Buchanan, Worthington
 Kirk McGregor Buckley, Springboro
 David Glenn Buterman, Marion
 Andrew Eugene Butts, Jr., Cleveland Heights
 Teresa Lynn Cohen, Cincinnati
 Michael D. Cole, Mt. Blanchard
 Scott F. Davis, Columbus
 Sonya Lynn Elam, Chillicothe
 Janet Carol Glass, Columbus
 Jane A. Griffin, Mentor
 Leslie Carol Johnson, Mt. Healthy
 David George Kelly, Warren
 Douglas Nevin Lantry, Washington
 Bonny Elizabeth Long, Perryssville
 Jason Howard Lovins, Minford
 Kathryn Jane Lyon, Georgetown
 James Robert Matthews II, Findlay
 Gayle Shepherd May, Delaware
 Diane Marie McCracken, Worthington
 Melissa Anne McDonald, Cincinnati
 Michelle Denise Minnich, Troy
 Cynthia Lynn Quigley, Miamisburg

Gregory John Ritter, Napoleon
 Teresa Lynn Stutler, Columbus
 Catherine Elizabeth Whitney, Columbus
 Mitchell Arthur Wilkinson, Louisville

College of Agriculture

Dean: Frederick E. Hutchinson

Bachelor of Science in Agriculture

Richard Abram Austin, Cincinnati
 Thomas Sherrill Beam, Wilmington
 Terri Ann Blackburn, Minford
 John Martin Buller, Sandusky
 Charles Brian Cook, Chillicothe
 Melissa Ann Fowler, Big Prairie
 Steven John George, Newark
 Sally Hanna Hoffman, Gahanna
 Brad Scott Jolliff, Delaware
 Steven Joseph Kammerer, Xenia
 Phillip Dale Ketron II, Eaton
 Elizabeth Ann Klein, Akron
 Kelly Jean LaPlume, Salem
 John Carter Magee, Wellsville
 David Jackson McClure, Scott Depot, WV
 Valerie Inez McCoy, Lancaster
 Neil Norman Noble, Willoughby
 John Sakae Okamoto, Centerville
 Natalie Laree Pauff, Lima
 Frederick Ross Reninger, Columbus
 Pamela Sue Rice, Columbus
 David Edgar Rife, Centerburg
 Kerri Theresa Ryan, Milford Center
 Phillip Wayne Sherman, Mechanicsburg
 Sandra Diane Witherspoon, Baltimore

Bachelor of Science in Food Science

Robert Francis Zulliger, Lima

Bachelor of Science in Food Technology

Jennifer Elizabeth Pitzer, Hillsboro

Bachelor of Science in Nutrition

Kathleen Ann McCord, Columbus

School of Natural Resources

Bachelor of Science in Natural Resources

Patricia Ann Barcik, Sagamore Hills
 James DeWayne Bennett, Scottown
 Scott Kevin DeLand, Cincinnati
 Susan Ann Fisher, Brecksville
 Leonard Wayne Garden, Cleveland
 Sherrie Marie Gardner, Scotia, NY

Jon Robert Holtzman, New Lebanon
 Kirk Eric Jones, Cincinnati
 David Moore Rupp, Columbus
 Paul Leonard Weibel, Cincinnati

Agricultural Technical Institute – Wooster

Associate in Applied Science

Kenneth Michael Armstrong, Cleveland Heights
 Roger Eugene Baker, Shreve
 Matthew David Carpenter, Adrian, MI
 Julie Ann Coe, Mt. Vernon
 Cheryl Theresa Heinly, Bradnor
 Kevin Matthew Homan, Napoleon
 Susan Michelle Martinez, Dexter, MI
 John Douglas McCormick, Coral Springs, FL
 Dorene Sue Poulton, Wooster
 Jeffrey Lee Reisner, Salem
 Julie Ann Shade, Willard
 Richard Leo Stanley, Wooster
 Laura Windmiller, Wooster

College of Business

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

John Peter Achevich, Mansfield
 Joni Lynn Adams, Hopedale
 Stuart Andrew Adkins, Coshocton
 Azlina Binti Ahmad, Malaysia
 Taib Mohd. Taib Ahmad, Selangor, Malaysia
 Thomas M. Albert, Galion
 John Hunter Allen, McConnessville
 Joanna Apotos, Rocky River
 T. Anthony Applegate, Grosse Pointe Park, MI
 Sean William Auerbach, Zanesville
 Abubakar Bachik, Masjid Tamah, Malaka, Malaysia
 Andrew Harold Bailey, Pataskala
 Dianne Louise Baird, Shelby
 Michelle Anne Barnes, Dayton
 Mitchel B. Baron, Beachwood
 Lisa Chapin Beard, Sunbury
 Laurie Dawn Beckett, Tallmadge
 Seifu A. Begashaw, Columbus
 John Patrick Begley, Dayton
 Michelle Marie Bentley, Loveland
 Ted Howard Bernhardt, Dayton
 Deborah Lynn Bibb, Shaker Heights
 Gordon Harold Blicke, Springfield
 Scott Randall Boden, Dayton
 Christopher Alan Bork, Springfield
 Robin Ann Bradshaw, Gahanna

Cynthia Tripp Braun, Columbus
 Elaine Ann Brennan, Medina
 Jeffery Scott Broome, Gates Mills
 David Michael Brown, Mentor
 Philip Eric Brown, Columbus
 Shawn Tyler Brown, Newark
 Thomas Joseph Brown, Columbus
 William Hedley Brownson, Defiance
 Marilyn Brugger, Columbus
 Harold Gene Buchanan II, Cincinnati
 Stephen Edward Buchanan, Lima
 Ronald Anthony Bumb, Bellevue
 Ronald Eugene Burch, Columbus
 Sunita Suzanne Byg, Columbus
 John J. Carr, Jersey
 Thomas Richard Carskadden, Marion
 Edward Steven Carter, Lexington
 Terri Lee Carter, Springfield
 Elaine Marie Casino, Akron
 Yuan-Loong Chow, Kuala Lumpur, Malaysia
 Carol Dee Clark, Granite City, IL
 Terri Dell Clemons, Shaker Heights
 Tina Marie Colter, Cincinnati
 Kim Kathleen Colton, Coshocton
 Colleen Marie Corbett, Columbus
 David Edward Cowan III, Marysville
 Jeffery Scott Creeger, Findlay
 Thomas L. Curran, Columbus
 Michael Robert Czuchra, New Lyme
 Najy Daher, Ashland
 Forrest Melville Danson III, Fairview Park
 Mark Landon Davis, Milan
 Terry L. Dawson, Beaver Falls, PA
 Michael William DeGraw, Buffalo, NY
 Ava E. Dickerson, Elyria
 Timothy C. Dickes, Canton
 Peggy Ann Dorsten, Celina
 Thomas Vincent Dougherty, East Hanover, NJ
 Craig Allen Downing, Canton
 Sheryl Kaye Drumm, Dublin
 Wendy S. Dugan, Worthington
 John Randall Durham, Granville
 Harry Morgan Dye, Columbus
 Michael Andrew Dzurko, Massillon
 David Jon Ebbeskotte, Lima
 Ruth Ann Edwards, Dayton
 Shelby Joyce Edwards, Dublin
 Thaddeus Jay Ellwood, Marion
 Lisa M. England, Grove City
 John Thomas Ewing, McConnelsville
 Lawrence Martin Fatica, Richmond Heights
 Jay D. Ferrell, Warsaw
 Paul Raymond Firment, Mayfield Heights
 Alan Edward Flowers, Brooklyn Heights
 Mary Anita Fogle, Westerville
 Daniel Joseph Foley, Dayton
 James Kenneth Fortier, Columbus
 Donald Edwin Foster, Circleville
 Christine Fuller, Worthington
 Steven Jon Garberich, Crestline
 Gregory Jay Garrison, London
 Robert Guy Gennett, Jr., Canton
 David Gerald Gherlein, Pepper Pike
 Mary Maureen Giammaria, Hudson
 Thomas Daniel Gibbons, Euclid
 John Joseph Gildee IV, Mansfield

Arden Leo Gill, North Canton
 Kathryn Joyce Goldsworthy, Centerville
 John Joseph Goode, Circleville
 William Harold Gorman, Chillicothe
 Jeffery Alan Gorsuch, Amsterdam
 Gary Denton Green, Delaware
 Steven Gerard Grubenhoff, Berea
 Robert Sameul Grunkemeyer, Columbus
 James Paul Harrington, Salem
 Charles Frank Heid, Fremont
 Randolph Lee Henson, Urbana
 Laura F. Herberger, Wellington
 Timothy Braun Hill, Belpre
 Kong Yew Hooi, Batu Gajah, Perak, Malaysia
 Charles W. Horning, Cincinnati
 Eddie Hsiao-Wen Hou, Hong Kong
 Moira Ann Houk, Barberton
 Robert Becker Howard, Terrace Park
 Mark Allen Hulka, Fremont
 Jeffrey Alan Jackson, Mineral Ridge
 Marie Therese Janko, Gallipolis
 Paul Ettore Januzzi, Amherst
 Mark Douglas Jenkins, Ashland
 Sandra Jane Jewett, Ashland
 Cheryl Lynn Johnson, Euclid
 Mark David Johnson, Kettering
 David L. Jones, Jewett
 Douglas E. Jones, Toledo
 William Lee Jones, Columbus
 Judy Ann Kapp, Newark
 Mona Lisa Kelemen, Columbus
 Kathleen Anne Kelly, Columbus
 Michael Patrick Kelly, Fairfield
 Margaret Kirk, Columbus
 Jeffery Alan Kirkland, Columbus
 Margaret Mary Kirwan, Worthington
 Savvas Kisgeropoulos, Canton
 Adam Matthew Knolls, Columbus
 Michael Edward Koerbel, Cincinnati
 Jeffrey Alan Konves, Bucyrus
 Peter Barrett Korte, Medina
 Sandra Maria Kovach, Columbus
 Jefferson Stuart Kreager, Newark
 Timothy Gerard Krivanek, Parma
 Carla Ann Kuskowski, Columbus
 Gerald Fox Landholt, Jr., Columbus
 Lillian Jane LaPointe, Columbus
 Steven Lester Lehmkuhl, Versailles
 Meng Yee Leong, Singapore, Singapore
 Andrew Charles Leshner, Germantown
 Jian Ming Lew, Columbus
 Dewayne Dale Lewis, Jr., Dayton
 Greg Richard Lewis, Dublin
 Michael George Lewis, Troy
 Keith Erwin Light, Bucyrus
 Chin Wei Lim, Kuala Lumpur, West Malaysia
 Mun Wuan Lim, Segamat, Johor, Malaysia
 Piek Heok Lim, Malaysia
 Wooi Lee Lim, Selangor, Malaysia
 Connie Cheong Mei Ling, Singapore, Singapore
 Jon David Litteral, Worthington
 Sow Wan Loh, Republic of Singapore
 Stephen Joseph Long, Dayton
 Eillian Loong, Kuala Lumpur, Malaysia
 Jeffrey Leon Loos, Coshocton
 Barbara Ann Lucas, Galion

Donald Paul Ludwig, Marion
 Scott Alan Lux, Columbus
 Edward Damien Madden, Akron
 Tracy Ann Maines, Middletown
 R. Leonardo Malagon, Miami, FL
 Terrence Alan Mance, Parma
 Ernest Paul Mandell, Columbus
 Gary John Marcinick, Brooklyn Heights
 Michael Lawrence Martenet, Mansfield
 Timothy F. Martin, Worthington
 Michael Elwood Massie, Cleveland
 Todd Alan Mayse, Castalia
 Timothy Randall Mazik, Pittsburgh, PA
 Steven Thomas McCabe, South Point
 Mace Marlin McCain, Elida
 Mark William McGuire, Circleville
 Michael James McHugh, Highland Heights
 David Edward McLaughlin, Ashtabula
 Noor Khalidah Md. Khalid, Johor, Malaysia
 Clara Ilene Meadows, Newark
 Robert Howard Medley, Marion
 Jeffrey Alan Mehler, Centerville
 Suzanne Ellen Menden, Toledo
 Molly Alice Mercer, Columbus
 Susan Ann Mercer, Pickerington
 Mary Beth Mertz, Celina
 Daniel Mevs, Tonawanda, NY
 Julie Lynn Milligan, Columbus
 Amy Lynne Millman, Cincinnati
 John Charles Mincy, Upper Arlington
 Mark E. Miskinis, Worthington
 Daniel Joseph Mittlesteadt, Englewood
 Terry Lee Moore, Columbus
 James Tighe Moriarty, Chagrin Falls
 Sara J. Motwani, Powell
 Richard Michael Murphy, Reynoldsburg
 Sean Michael Murphy, Toledo
 Douglas Hayes Murray, Circleville
 Melanie Faye Myers, Columbus
 Joan Nehr, Bexley
 Sheila Catherine Neligan, Fairview Park
 Janet Denese Newbold, Nassau, Bahamas
 Steven A. Newton, Huron
 Pang Yien Ngo, Singapore
 Sallie Elizabeth Oden, Solon
 Roger Lee Ondreko, Beloit
 Brian M. Oravec, West Chester
 Thomas William O'Reilly, Columbus
 Shannon Theresa O'Toole, Mentor
 James Andrew Owens, Columbus
 Tami Angela Owens, Worthington
 Beth Ann Paltani, South Euclid
 Deborah Lynn Parsons, Cuyahoga Falls
 S. Lewis Patrick, Bay Village
 Gordon Kenneth Pepper, Mansfield
 William H. Petro, Canton
 David Michael Plesich, Steubenville
 Keith Alan Pohl, Maria Stein
 Michael Harry Port, Dayton
 David Brent Potts, Shadyside
 Amy Lynn Powell, Dayton
 Michael Allen Priest, Columbus
 Robert Lee Putsock, Powhatan Point
 Laura Leeann Rae, Worthington
 Rita Diane Reid, New York, NY
 Gregory Guy Rich, Gahanna
 Daniel L. Richardson, London

John Andrew Ricker, Dayton
 Gary David Rine, Newark
 Glen Allen Ring, Wooster
 Douglas Brian Roman, Canton
 Lynn Edward Roose, Hilliard
 Jill Susan Rosenbloom, Columbus
 Steven Jay Rosenblum, Cleveland
 Robert Edward Ruzinsky, Loveland
 J. Morgan Sabrin, Detroit, MI
 Rani Kay Sampson, Cincinnati
 Lizabeth Ann Sant'Angelo,
 Allentown, PA
 Debra Lynne Saxon, Dayton
 John Michael Sbrochi, Columbus
 Mark Andreas Schmidt, Cincinnati
 James Thomas Schmitz, Columbus
 Elefterios Albert Schurman, Jr.,
 Fairfield, CT
 David John Scott, Dayton
 Julie Ann Searls, Lancaster
 Casey Lee Seebon, Columbus
 Choon Seng Seet, Singapore
 Gregory Dean Seibert, Columbus
 Deborah Anne Senska, Syracuse, NY
 Kevin Charles Severt, Westerville
 Michele Lynn Shaffer, Hebron
 Gary Scott Shapiro, Columbus
 James Keen Sharick, Champion
 Jeffrey Alan Sheely, Findlay
 Joseph Rudolph Sipl, Seven Hills
 Wayne Edward Skinner, Columbus
 Michael Jay Skoda, Columbus
 Sheila Kay Smith, Canal Winchester
 Renée Ann Somers, Westlake
 Linda Marie Southard, Bexley
 Ann Jeanne Stafford, Columbus
 Michael D. Stafman, Beachwood
 Dean Rusk Stampfli, Ashland
 David Michael Stansel, Kettering
 Eric John Steinmetz, Pickerington
 Gregg Douglas Steinmetz, Stanton, DE
 Brent Paul Stewart, Wheeling, WV
 Michele Renee Stiger, Canfield
 Cathy Beth Stone, Columbus
 Michelle Renee Strimple, Willard
 Jodi Jae Sutton, Coshocton
 Timothy Dean Swartz, Vandalia
 Bradley Robert Taylor, Upper Arlington
 Steven Scott Taylor, Lima
 Timothy Joseph Terveer, Alliance
 Friedrich Luiz Theinert, Chesterland
 Michael James Tierney, Cincinnati
 Steven Cary Toole, Ashville
 Michael Kurtis Trumble, Centerville
 Brad Lee Ulery, Richfield
 Peter William Vaccarella, Columbus
 David Robert Waldron, Convoy
 Stephanie Monique Wales, Columbus
 John Raymond Wallace, Columbus
 Gloria Marie Ware, Cleveland
 Vanessa Elaine Ware, Oberlin
 Daniel Vance Watkins, Columbus
 David E. Watson, Huber Heights
 Gary Alan Weir, Marion
 Lynn Michele Welch, Akron
 David James Westlake, Lakewood
 Robert Christopher Whipple, Columbus
 Mark Scott Whisler, Dayton
 Jon Robert Whitis, Byesville

Rebecca Marie Wholf, Bucyrus
 Stephen Michael Wildermuth, Elida
 Emilia B. Williams, Greenville
 Jeffrey Alan Wilson, Warsaw
 Patti Lynn Wilson, Alta Loma, CA
 Albert Ernest Theodore Wittkopp II,
 Gahanna
 Michael William Wood, North
 Syracuse, NY
 Rochelle E. Woodall, Columbus
 Craig Ashley Wright, Euclid
 Julie Ann Wright, Columbus
 Maudie Diane Yoakum, Galion
 John Douglas Young, Upper Arlington
 Dennis Mark Zemanek, Lorain
 Michael Alan Zoldan, Canton
 Richard Montague Zuckett, Austintown

College of Dentistry

Dean: William R. Wallace

Doctor of Dental Surgery

Jen-Tai Chen, Taipei, R.O.C.
 B.D.S. (Taipei Medical College R.O.C.);
 M.S.

Ralph Joseph Temple, Chardon
 B.A. (Miami University)

College of Education

Dean: Donald P. Anderson

Bachelor of Science in Education

Jennifer McDannel Adams, Marion
 Jaber Nayel Al-Essa, Saudi Arabia
 Katherine A. Anderson, Morral
 Nicholas Lynn Bagby, Gahanna
 Jon Alan Barber, Galena
 Patricia Ann Barcik, Sagamore Hills
 Mary Katrina Barringer, Coshocton
 Scott Chris Basilone, Mansfield
 James Bernard Beatty, Lorain
 James Edward Bennett, Parma
 Lynnette Irene Bollinger, Mansfield
 Katherine Elaine Botkin, Columbus
 Barbara Ann Brown, Columbus
 Cam Aleta Buhrts, Buckeye Lake
 Christin Marie Campbell, Chillicothe
 Amy Catherine Clayton, Lancaster
 Beverly Bradley Cook, Columbus
 Donna DelBrocco, Cincinnati
 John David Derenthal, Canal Winchester
 Debra Ann Doty, Huron
 Karen Louise Dowler, Columbus
 Susan Jeanne Drum, Worthington
 Julia Ann Fastnacht, Perrysburg
 LaTisha P. Fields, Columbus
 Sharon Lynn Fullerton, Columbus
 Jani Sue Gilliam, Marion
 Lee Anne Gilliam, Delaware

Amy Helene Greenzalis, Columbus
 Larissa Jo Hall, Worthington
 John William Harmony, Pataskala
 Bradley Louis Henry, Versailles
 Jean Ellen Holas, Toledo
 Carrie Lynn Holtz, Shelby
 Christine Marie Hovest, Ottawa
 Jayne Alison Hoyer, Columbus
 Ruth Ann Hyde, Westerville
 Christopher Mario Jackson, Columbus
 Dorothy Ann Jackson, Columbus
 Tracy Colvin Johnson, Sandusky
 Cynthia Miller Jones, Dublin
 Jacqueline Suzanne Judd, Delaware
 Donna Branham Kienle, Columbus
 John D. Kirkendall, Van Wert
 Stephen Matthew Klevay, Independence
 Linda Lee Klingel, Marion
 Angela Joy Knape, Dublin
 Kathleen Ann Koran, Strongsville
 Kenneth Alan Kuhn, Willard
 Sonja Sue LaWarre, Kenton
 James Edward Lendon, Boardman
 Andie Fay Little, Columbus
 Sandra L. Lopez, Guaynabo, PR
 Constance Ann Mantell, Portsmouth
 Na'Ason Kwarau Manu, Bauchi, Nigeria
 Leonora Rizzuti Martin, Worthington
 Linda Ann May, Delaware
 Linda Marie McDanelis, Rocky River
 Mathew Leon Meadors, Dayton
 Melissa Lynne Moody, Dayton
 Nancy Jean Myers, Chardon
 Karen Elaine New, Grove City
 Shelley Lynn Newland, Delaware
 Charme Noel, Westerville
 Judy Kay Now, Rockford
 Elizabeth O'Dell Osborn, Frazeeburg
 Jeffrey Scott Pastor, Mansfield
 Sandra Marie Phillips, Westerville
 Andrea Lynne Pitts, Newark
 Betsy Marie Poling, West Milton
 Margaret Anne Prince, Columbus
 Faye H. Purol, Columbus
 Annetta Maria Richardson, Dayton
 Joseph Mack Robinson II, Tampa, FL
 Marisol Rodriguez, Trujillo Alto, PR
 Mary Alice Rouse, Columbus
 Esther Elisa Sapell, Cleveland
 Lori June Shaffer, Cardington
 Kathleen Kay Shato, Galloway
 Ann Marie Simon, Ashland
 Jeffrey Phillip Smith, Galloway
 Jennifer Louise Stara, Columbus
 Ruth Ann Steele, Newark
 Lisa Anne St. Peter, Solon
 Mary Elizabeth Stevenson, Groveport
 Tod L. Stuckey, Bucyrus
 Colene Thomas Stump, Nevada
 Michael C. Sulescay, Columbus
 Stacie Patricia Topoguis, Akron
 Michelle E. Uncapher, Columbus
 Shara Lee Valentine, Williamsport
 Laurie Anne Vermeer, Groveport
 Melanie Jo Wise, Columbus

**Bachelor of Art Education and
Bachelor of Music Education
degrees are offered jointly by the
College of the Arts and
the College of Education.
Candidates are listed under
the College of the Arts.**

College of Engineering

Dean: Donald D. Glower

**Bachelor of Science in Aeronautical
and Astronautical Engineering**

Dias Badekas, Athens, Greece
Craig Michael Ewing, Boothwyn, PA
Alicia Gierwatowski Graham, Denville, NJ
Kenneth John Paoletti, Columbus
Barth Warren Shenk, Lima

**Bachelor of Science in Agricultural
Engineering**

Michael G. Orologas, Campbell
Michael Leroy Sheets, Sunbury

Bachelor of Science in Aviation

John Bates Hayes, Westerville
Matthew L. Schwab, Sylvania

**Bachelor of Science in Ceramic
Engineering**

Janet Beth Davis, Zanesville
Richard Todd Everhart, Lancaster
Ileese Yvette Glatter, Columbus
Clara P. McLaughlin, Woodsfield

**Bachelor of Science in Chemical
Engineering**

Amy Bea Ballog, Columbus
Daniel William Caldwell, Lakeside
Dennis Robert Daley, Manlius, NY
Mark Maher Mansour, Columbus
Jeffrey Norman Nehal, Akron
Andrew Martin Wescott, Huron

**Bachelor of Science in Civil
Engineering**

Issam Mohamad Ataya, Saidia, Lebanon
Walid Zouheir Chaarani, Tripoli, Lebanon
Mohamed Nouri Ourfali, Damascus, Syria

**Bachelor of Science in Computer
and Information Science**

Marie Elizabeth Boyle, Bedford
Anne Marie Cagle, Kettering
Kent Lee Crabtree, St. Paris
Guan Shoon Heng, Singapore
Daniel Tai-Lun Ho, Columbus
Kathleen Louise Kettler, Cincinnati
Scott Daniel Kisslinger, Des Plaines, IL
Sharon Marie Krawczeski, Beaver Creek
Chiew-Moi Lee, Seria, Brunei
Hock Koon Lim, Singapore
John Phillip Mack, Columbus
Ronald Joseph Meyer, Minster
Carol Marie Mulligan, Columbus
Eun-Mee Oh, Columbus
Richard Thomas Rung, Westerville
Kishor Ravindra Sapre, Jabalpur, Malaysia
Lance Allen Smith, Marion
Taylor Ridge Surface, Worthington
Chuen-Kit Tan, Hong Kong
John Earl Troutman, Portsmouth
William Ellis Whitaker, Wellsburg, WV

**Bachelor of Science in Electrical
Engineering**

Jim Frank Bostjancic, Alliance
Jenifer Lynn Brinker, Greenville
Roderick Bruce Carroll, Columbus
Chee Hung Ben Choi, Hong Kong
Larry Joseph Duvall, North Olmsted
Eugene Ying-Haw Fu, Worthington
Jon Ross Funk, Columbus
Manuel García Sánchez, Valencia, Edo.
Carabobo, Venezuela
Carl Thadeus Holas, Toldeo
Peeya Iwagoshi, Thailand
C. I. Kontoghiorghes, Limassol, Cyprus
Julie Ann Kreitz, Springfield
Daniel Allen McMullen, Hilliard
Stephen Gerald Miller, Centerville
Paul Michael Proudfoot, Mogadore
John Joseph Reed, Greenville
Daniel Rodney Rhodes, Parma
Robert Todd Roberts, Worthington
Michael William Russell, Creston
Donald Anthony Tacik, Mansfield
Anthony Wayne Wisbith, Pleasant Plain
Wai-Ling Wong, Hong Kong
Thomas Joseph Young, Columbus

**Bachelor of Science in Engineering
Physics**

Scyld Douglas Anderson, Worthington
Gregory Robert Ladson, Gahanna

**Bachelor of Science in Industrial
and Systems Engineering**

Lisa Beth Clark, Napoleon
Amy Lloyd Hendrickson, Worthington
Dennis Mark Laymon, Worthington

Thomas Joseph Long, Lorain
Christopher David Owens, Euclid
Rhonda Kay Sheets, Parkersburg, WV
Craig Lynn Walizer, Alliance

Mechanical Engineer

Byron Thomas Amerine, Jr., Rushsylvania

**Bachelor of Science in Mechanical
Engineering**

Andrew Starr Bales, Cincinnati
Patrick Martin Berry, Cincinnati
Diane Lynn Broadbelt, Warren
William C. Brunnett, Cleveland
Richard Fosdick, Garfield Heights
Jennifer Joan Hirt, North Canton
Hatem Khouaja, Mahdia, Tunisia
Darryl S. Niven, Sandusky
Robert Clark Rowan, Jr., Belpre
Steven Joseph Rowe, Buckeye Lake
Darrin Neil Wagner, Euclid
James Frank Winhover, Ottoville

**Bachelor of Science in Metallurgical
Engineering**

Thomas James Bruce, Columbus
Craig Allen Nichols, Hudson

**Bachelor of Science in Welding
Engineering**

Jeffrey Mathew Kikel, Finleyville, PA
John David Schuler, Newark

School of Architecture

Bachelor of Science in Architecture

John Patrick Cleary, Columbus
Michael Powel Davis, Columbus
Eymen El-Homsi, Columbus
Michael S. Erickson, Mansfield
Joseph John Gil, Pittsburgh, PA
Steven Alan Hurtt, Defiance
Mohammed Karimnamazi, Shiraz, Iran
Vincent Ronald Paterra, Greenville
Ronald Ray Peterson, Portland, IN
Karen Barbara Sterman, Pittsford, NY

**Bachelor of Science in Landscape
Architecture**

Brian Joseph Huntley, Canton

College of Home Economics

Dean: Lena Bailey

Bachelor of Science in Home Economics

Melody Lanette Adkins, Belle Center
Lisa Marie Allen, Dayton
Crystal Ann Benzies, Tipp City
Lois Jane Blankemeier, Leipsic
Roberta Jean Bray, Columbus
Suzanne Baldwin Burnett, North Canton
Cheryl Ann Coblentz, Westerville
Robin Renee Combs, Columbus
Pamela Lee Fischer, Tipp City
Joey Hamiel, Columbus
Miriam Sol Herazo, Cincinnati
Beth Ann Hiser, West Chester
Beth Ann Householder, Wadsworth
Katherine Marie Kaufmann, West Carrollton
Sylvia Marie Lawrence, Youngstown
Karen Lynn Leggett, Medina
Elizabeth Ann Lewis, Brunswick
Gail Ruth Maylath, Dublin
Amy Scott McCaffrey, Berea
Susan Eileen McCarty, Columbus
Martha Ellen Mosco, Ironton
Janet Lee Pealer, Mt. Vernon
Diana Lynne Peebles, Westerville
Anne Renee Ritter, Columbus
Diane Marie Schotzinger, Tallmadge
Lorelei Skizenta, North Olmsted
Jenny Altvater Smith, Toledo
Debra Anne Susi, Worthington
Dawn Ann Swickard, Richmond
Tamara Lee Tracy, West Chester
Kristine Karol Wagner, Westerville
Jill Ann Weckstein, Shaker Heights
Carol Jane Whitman, Mt. Gilead
Andrea Lynn Zelvy, Beachwood

Bachelor of Science in Hospitality Management

Roseanne Marie Allison, Salem
James Leslie Daniels, Chillicothe
Jill Luann Ferrelli, Columbus
Kelly Ann McAndrews, Lakewood
Gabrielle Veronica Silovic, Columbus

Bachelor of Science in Nutrition

Scott Allen Campbell, Lima
John G. Carlile, Columbus
Scott Allen Johnston, Somerset
Sheila Renee King, Columbus
Gregg Matthew Santilli, Columbus

Bachelor of Science in Restaurant Management

Gordon Allen Chase, Havelock, NC
James Douglas Cushing, Lancaster
Kenric Allen Hall, Dublin
Robert Barton Heynen, Cincinnati
Alicia Mae Westerman, Columbus

College of Medicine

Dean: Manuel Tzagournis

Doctor of Medicine

Janet L. Minella, Cincinnati
B.S. (University of Cincinnati)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Alice E. Andrews, Cincinnati
Dennis Keith Hackett, Fort Wayne, IN
Karen Sue Hammeran, Lewisburg, PA
Mona Marie Jackson, Wakeman
Denver Carl Lightner, Columbus
Darlene Klapkowski Mahilo, Gahanna
Kathleen Marie Matro, Syracuse, NY
Elizabeth Ann McCann, Woodside, NY
Theresa Collins McNamara, West Chester
Darla Beth Risner, Norwalk
Laura Marjorie Rush, Urbana
Peggy Lentz Sanchez, Mansfield
Ann F. Siefert, Euclid

Certificate of Nurse Anesthetist

Christine Ann Dillon, Columbus
B.S.Nurs.
Michelle Aretta Douglass, Youngstown
B.S.Nurs.
Virginia Shearer Heins, Franklin Furnace
B.S.Nurs.
Wendy Weigel Tyler, Columbus
B.S.Nurs.

College of Nursing

Dean: Carol A. Anderson

Bachelor of Science in Nursing

Lisa Ann Burrows, Middlebrook Heights
Amy Sue Genovese, Solon
Margaret Anne Natale, Warren

Barbara Catherine Nocheck, Cincinnati
Mary Danielle Reiter, Westerville
Christine L. Wellman, Circleville

College of Pharmacy

Dean: Albert H. Soloway

Doctor of Pharmacy

Lee Barbara Holtz, Warren
Brenda Diane Jamerson, Springfield, IL
James Anthony Sterchele, Columbus

Bachelor of Science in Pharmacy

Mary Elizabeth Bawn, Marietta
Kathleen Ann Berger, Columbus
Fredrick Vincent DaGrava, Columbus
Julie Kim Eisenberg, Beachwood
Michelle Lynn Gay, Canfield
Nancy Orndorff Goldsby, Columbia, SC
Mitchell Scott Herman, University Heights
John Arthur LeFever, Smithville
Te Yi Lei, Taipei
Mark Allen Loughman, Newark
Johnny Randall McIntosh, Dayton
Shari Shafron Jacobson, Lyndhurst
Robert Arnold Spivey, Newark
Diane Lynn Talley, Ashland
William John Taylor, Marietta
Meltem Sukriye Unal, Columbus
Laura Jane Van Fossen, Bremen
Terri Lynn Vecchione, Winterville
Janet Louise Wadolny, Hellertown, PA
Randolph Vernon Wood, Ironton

College of Social Work

Dean: Richard E. Boettcher

Bachelor of Science in Social Welfare

Sara Jane Allen, Worthington
Angelica M. Bionci, Youngstown
Mary Katherine Capasso, Columbus
Debra Ann DePaso, Worthington
Julie Marie Guidry, Zanesville
Christina Marie Ventresca, Columbus

Graduates with Honors

Criteria for graduation with honors are as follows:

With Distinction requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

With Honors in the Liberal Arts requires successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in English

Kellie Renee Nagel

With Distinction in Family Relations and Human Development

Debra Anne Susi

With Distinction in Mechanical Engineering

Robert Clark Rowan, Jr.

With Distinction in Microbiology

Michael K. Barron

With Distinction in Nutrition

Scott Allen Johnston

With Honors in the Liberal Arts

Judith M. Kutney
G. Michael Vaughan

With Honors in the Liberal Arts and with Distinction in English

John Wright Kennedy

Cum Laude

Dianne Louise Baird
Andrew Starr Bales
Lynnette Irene Bollinger
Jenifer Lynn Brinker
Ronald Anthony Bumb
Lisa Ann Burrows
Anne Marie Cagle
Yuan-Loong Chow
Charles Brian Cook
David Edward Cowan III
John David Derenthal

Shelby Joyce Edwards
Julia Ann Fastnacht
Christine Fuller
Eric Rigoberto Godoy
Steven Gerard Grubenhoff
Larissa Jo Hall
Amy Lloyd Hendrickson
Pamela Jean Herring
Dorothy Lynn Johnson
Cheryl Lynn Johnson
Douglas E. Jones
Scott Daniel Kisslinger
Patricia Ann Klena
Peter Barrett Korte
Michael Anthony Lanese
Steven Lester Lehmkuhl
John M. Lepi
Hock Koon Lim
Connie Cheong Mei Ling
Laura Rosemarie Lockridge
Eillian Loong
Marsha Therese Markja
Kathleen Marie Matro
David Edward McLaughlin
Mark E. Miskinis
Carol Marie Mulligan
Steven A. Newton
Roger Lee Ondreko
Elizabeth O'Dell Osborn
Dorene Sue Poulton
Michael Allen Priest
Robert Todd Roberts
Steven Jay Rosenblum
Jean Marie Rowley
Choon Seng Seet
Richard Leo Stanley
Ruth Ann Steele
Darrin Neil Wagner
John Raymond Wallace
Daniel Vance Watkins

Cum Laude with Distinction in Arabic

Joyce Ellen Bell

Cum Laude with Honors in the Liberal Arts

Kevin W. Eggerman
Stephen G. Rady III

Summa Cum Laude

Laurie Dawn Beckett
Diane Lynn Broadbelt
Susan Jeanne Drum
Susan Ann Fisher
Richard Fosdick
Charles W. Horning
Kelly Jean LaPlume
John Charles Mincy
Tami Angela Owens
Kishor Ravindra Sapre

John Michael Sbrochi
Kathleen Kay Shato
Jeffrey Phillip Smith

Summa Cum Laude with Distinction in Textiles and Clothing

Diane Marie Schotzinger

Summa Cum Laude with Honors in the Liberal Arts

Eric Todd Buchanan

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND TWENTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 4 and 5, 1986

The Board of Trustees met at its regular monthly meeting on Thursday, September 4, and Friday, September 5, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *
Minutes of the last meeting were approved.
* * *

September 4 and 5, 1986 meeting, Board of Trustees

The Chairman, Mr. Galbreath, called the meeting of the Board of Trustees to order on September 4, 1986, at 6:30 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Daniel M. Galbreath, Chairman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and Deborah E. Casto.

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Mr. Galbreath reconvened the meeting on September 5, 1986, at 10:05 a.m.

Present: Daniel M. Galbreath, Chairman, Edmund C. Redman, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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NAMING OF AUDITORIUM

Resolution No. 87-25

Synopsis: A name is proposed for the auditorium portion of Ovalwood Hall on the Mansfield campus.

WHEREAS this Board has authority in naming of all buildings and structures at The Ohio State University, as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS The Ohio State University Mansfield Campus was created through the efforts of a large number of individuals and corporations in the Mansfield community and its surrounding area; and

WHEREAS no physical entity on the Mansfield Campus has been designated to recognize the vital role played by these community "founders" in the establishment of the Campus; and

WHEREAS the 20th anniversary of the establishment of the Campus is being observed during the current year; and

WHEREAS the President and the President's staff concur with the recommendation of the Mansfield Campus administration that the aforementioned auditorium be named in honor of the community founders of the Campus:

NOW THEREFORE

BE IT RESOLVED, That the auditorium portion of Ovalwood Hall on The Ohio State University Mansfield Campus henceforth shall be known as "Founders Auditorium" in recognition of the important role played by numerous members of the Mansfield community in the establishment of the Mansfield Campus.

Upon motion of Mr. Redman, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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September 4 and 5, 1986 meeting, Board of Trustees

NAMING OF BUILDING ADDITION

Resolution No. 87-26

Synopsis: A name is proposed for the art gallery addition to Ovalwood Hall on the Mansfield campus.

WHEREAS this Board has authority in naming of all buildings and structures at The Ohio State University, as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the John and Pearl Conard Foundation of Mansfield, Ohio, has made a generous commitment of funds to the University for the addition of an art gallery wing to Ovalwood Hall on The Ohio State University Mansfield Campus; and

WHEREAS the Conards were longstanding and enthusiastic supporters of the Mansfield Campus, and Pearl Conard had an equally strong appreciation for and interest in the arts; and

WHEREAS the President and the President's staff concur with the recommendation of the Mansfield Campus administration that the aforementioned art gallery addition be named in honor of Pearl Conard:

NOW THEREFORE

BE IT RESOLVED, That the art gallery wing that will be added to Ovalwood Hall on The Ohio State University Mansfield Campus shall be known as "The Pearl Conard Gallery."

Upon motion of Mr. Redman, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 87-27

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the July 11, 1986 meeting of the Board, including the following Change in Title, Appointments, Appointment of Chairpersons of Departments, Reappointment of Chairperson of Division and Director of Center, Promotion, Leaves of Absence Without Salary, Professional Improvement Leaves, Professional Improvement Leaves--Cancellation, Professional Improvement Leaves--Change of Dates, and Emeritus Titles as detailed in the University Budget be approved, and the Medical Staff Appointments/Reappointments approved July 31, 1986, by the Hospitals Board be ratified.

Change in Title

Name:	ANNE S. PRUITT
Title:	Director
Office:	Learning Resources
Effective:	September 1, 1986
Salary:	\$76,080.00
Present Position:	Associate Provost, Office of Academic Affairs

September 4 and 5, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments

Name: DAVID MAYERS
Title: Professor (The Arthur E. Shepard Endowed Professorship in Insurance)
Academic Faculty: Finance
Effective: July 1, 1986
Salary: \$96,000.00
Present Position: Professor, Graduate School of Management, UCLA, Los Angeles, California

Name: DONALD L. SEXTON
Title: Professor (William H. Davis Chair in the American Free Enterprise System)
Academic Faculty: Management and Human Resources
Effective: October 1, 1986
Salary: \$70,080.00
Present Position: Caruth Professor of Entrepreneurship and Director of the Center for Entrepreneurship, Hankamer School of Business, Baylor University, Waco, Texas

Appointment of Chairpersons of Departments

July 1, 1986 through June 30, 1990

Agricultural Education

Lawrence H. Newcomb

August 1, 1986 through September 30, 1988

Family and Community

Grayce M. Sills

Reappointment of Chairperson of Division and Director of Center

July 1, 1986 through June 30, 1987

Center for Slavic and East European Studies
Division of Mining Engineering

Leon I. Twarog
George R. St. Pierre*

Promotion

Name: AMY RIEMENSCHNEIDER
College: Social Work
From: Assistant Professor
To: Associate Professor
Effective: October 1, 1985

*Acting Chairperson

Leaves of Absence Without Salary

ROLENA ADORNO, Professor, Department of Romance Languages and Literatures, effective Winter Quarter and Spring Quarter 1987, to serve as a Distinguished Visiting Professor at Arizona State University.

BARBARA BECKER-CANTARINO, Professor, Department of German, effective Autumn Quarter 1986, to assume the Guggenheim Fellowship.

September 4 and 5, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

JOHN F. GUILMARTIN, JR., Associate Professor, Department of History, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to serve as a senior Navy Research Fellow at the U.S. Naval War College.

JAMES MORGANSTERN, Associate Professor, Department of History of Art, effective Winter Quarter and Spring Quarter 1987, to research the Romanesque church of Notre Dame at Jumieges.

ILAN AVISAR, Assistant Professor, Department of Judaic and Near Eastern Languages and Literatures, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to complete a research project on contemporary Israeli cinema.

RICHARD M. CANTOR, Assistant Professor, Department of Economics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to serve as a Visiting Assistant Professor at the University of California at Los Angeles.

MYROSLAVA M. CISZKEWYCZ, Assistant Professor, Department of History of Art, effective Winter Quarter 1987, to accept a Fulbright Research Fellowship in Czechoslovakia.

MOHAMMAD T. FATEHI, Assistant Professor, Department of Physical Medicine, effective August 1, 1986 through July 31, 1987, to work in a research laboratory to gain industrial and research experience.

EVE R. LEVIN, Assistant Professor, Department of History, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to accept a grant from the American Council of Learned Societies.

HAROLD E. MAH, Assistant Professor, Department of History, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to accept a Webster Postdoctoral Fellowship from Queen's University in Canada.

PATRICIA B. REAGAN, Assistant Professor, Department of Economics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to serve as a Visiting Assistant Professor at Northwestern University.

CAROL M. SZYMANSKI, Assistant Professor, Department of Veterinary Clinical Sciences, effective September 1, 1986, through August 31, 1987, to study intraocular microsurgery, specifically the technique of intraocular lens implantation in the canine.

Professional Improvement Leaves

KENNETH D. LANE, Professor, Department of Physics, effective Winter Quarter, Spring Quarter and Autumn Quarter 1987.

BRIAN W. MCENNIS, Associate Professor, Department of Mathematics, effective Winter Quarter, Spring Quarter and Autumn Quarter 1987.

WILLIAM D. TAYLOR, Associate Professor, Department of Educational Theory and Practice, effective Winter Quarter and Spring Quarter 1987.

September 4 and 5, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

MARIE C. THURSBY, Associate Professor, Department of Economics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

JERRY G. THURSBY, Associate Professor, Department of Economics, effective Winter Quarter, Spring Quarter and Summer Quarter 1987.

Professional Improvement Leaves--Cancellation

LAURENCE C. GERCKENS, Professor, Department of City and Regional Planning, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

ANTHONY G. GREENWALD, Professor, Department of Psychology, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

Professional Improvement Leaves--Change of Dates

JOHN S. MCDONALD, Professor, Department of Anesthesiology, change leave from November 1, 1985 through October 1, 1986, to November 1, 1985 through August 10, 1986.

STEPHEN S. PINSKY, Professor, Department of Physics, change leave from Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to Winter Quarter and Spring Quarter 1987.

Emeritus Titles

NANCY J. GOOREY, College of Dentistry - Dental Hygiene, with the title Assistant Dean and Professor Emeritus, effective July 1, 1986.

JAN S. ADAMS, Office of International Studies, with the title Director Emeritus, effective September 1, 1986.

LAURENCE C. GERCKENS, Department of City and Regional Planning, with the title Professor Emeritus, effective September 1, 1986.

ROBERT Y. HARE, School of Music, with the title Professor Emeritus, effective July 1, 1986.

MARY LAPITSKY, Department of Textiles and Clothing, with the title Professor Emeritus, effective September 1, 1986.

ALFRED C. LONG, College of Dentistry - Restorative Dentistry, with the title Professor Emeritus, effective July 1, 1986.

HERBERT J. OYER, Department of Communication, with the title Professor Emeritus, effective September 1, 1986.

JOSEPH TREITERER, Department of Civil Engineering, with the title Professor Emeritus, effective July 1, 1986.

CHARLES J. REUTTER, Cooperative Extension Service, with the title Associate Professor Emeritus, effective August 1, 1986.

September 4 and 5, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

DONALD G. VERNALL, Department of Anatomy, with the title Associate Professor Emeritus, effective July 1, 1986.

MARJORIE ROWE, Department of Psychiatry, with the title Assistant Professor Emeritus, effective July 1, 1986.

Upon motion of Mr. Redman, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 87-28

Synopsis: Resolutions honoring the service of one former member of the Board of Trustees and five of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Leonard J. Alexander

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 17, 1986, of Leonard J. Alexander, Professor Emeritus in the Department of Plant Pathology.

Dr. Alexander was born on a farm in Traynor, Iowa, in 1903, but moved as a youngster to Louisiana. Upon graduation from Louisiana State University he accepted a graduate assistantship at the University of Wisconsin. After receiving his M.Sc. degree in 1928, he continued graduate school until 1930 when he became an Assistant in the Department of Botany and Plant Pathology at the Ohio Agricultural Experiment Station (now OARDC-OSU). He returned to the University of Wisconsin for short periods and received his Ph.D. in 1934.

Dr. Alexander attained the rank of Professor at The Ohio State University and distinguished himself in many areas of research and service before his retirement in 1970. He laid the foundation for the elucidation of tomato pathogen variation, locating disease resistance genes in wild tomato species and development of disease resistant commercial greenhouse tomatoes. Dr. Alexander's genetic materials and research leadership strengthened this area of research around the world.

Dr. Alexander was a member of the American Phytopathological Society since 1928, serving as National Advertising Manager, Councilor, Vice President, and President of the North Central Division; and was honored by his election as a Fellow of the Society. He was also a member of and served in many leadership roles in numerous other scientific and honorary societies and community organizations. Dr. Alexander was a Visiting Scientist at the Institute for Phytopathological Research at Wageningen, The Netherlands; a Guest Lecturer at the Faculty di Agaria, Bari, Italy;

September 4 and 5, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Leonard J. Alexander (contd)

and a Visiting Scientist in the Department of Plant Pathology (1968-69) and Visiting Professor (1972-82) at the University of Florida, Gainesville. He delivered lectures and invitational papers at many universities, international meetings and congresses.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

John A. Eglitis

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 29, 1986, of John A. Eglitis, M.D., D.M.Sc., Professor Emeritus in the Department of Anatomy.

Dr. Eglitis was born on December 16, 1902, in Riga, Latvia. He received his M.D. degree in 1931 with a speciality in otolaryngology, his D.M.Sc. degree in 1940 and his D.M. habilitation in 1942 from the University of Latvia's Faculty of Medicine. His dissertation was awarded First Prize of the State Culture Fund.

Dr. Eglitis began his academic career in 1927 when he accepted an assistantship in histology at the University of Latvia where he served until 1944, advancing from instructor to chairman of his department. In 1951, Dr. Eglitis joined The Ohio State University's College of Medicine as an instructor in Anatomy where he would continue as a faculty member for the next 22 years. He became a professor in 1961. Dr. Eglitis served as the director of histology in both the medical and dental programs. He also served as advisor for seven graduate students in Anatomy. Four received their doctorates in Anatomy; two their master's degrees; and one received both a master's and doctorate degree. He retired in 1973 having taught medical, dental and graduate students both here and abroad for 46 years.

Dr. Eglitis served on numerous departmental, college and university committees. He was a fellow and member of several scientific societies. He was recognized by his students as an outstanding teacher. For his efforts, he was selected by the senior medical class of 1965 as the College of Medicine's, "Professor of the Year."

On behalf of the University community, the Board of Trustees expresses to his wife, Dr. Irma Eglitis, its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to his wife as a sincere expression of the Board's realization of the loss that his wife, the University, and his many friends and associates have sustained.

September 4 and 5, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Alan B. Loop

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 9, 1986, of Alan B. Loop, a former member of this Board.

Alan B. Loop was appointed as a Trustee of The Ohio State University effective July 23, 1959, by Governor Michael V. DiSalle, for a term ending May 13, 1966. He served as Chairman of the Board from May 13, 1965, to the end of his term. Mr. Loop was the recipient of the University's Distinguished Service Award in 1967.

Mr. Loop was born in Toledo, Ohio, and attended The Ohio State University, earning a Bachelor of Arts degree in 1932 and a Juris Doctor degree in 1933. As an undergraduate, Alan Loop was a member and President of The Ohio State University Chapter of Phi Kappa Psi; a member of the Toastmaster's Club of Columbus; a member and captain of The Ohio State University varsity golf team; a member of Ohio State Varsity "O"; and a member of the Interfraternity Council. During law school, Mr. Loop was a member of the Order of the Coif and a member of Phi Delta Phi.

In 1933 Mr. Loop became associated with the law firm of Fraser, Hiett, Wall & Effler in Toledo, Ohio, the predecessor of the Toledo firm of Shumaker, Loop & Kendrick. In 1940 Mr. Loop became a partner in the firm and became a senior partner in 1948. Mr. Loop's legal work focused on Corporate law and Trusts and Estates and he was a member of the American, Ohio and Toledo Bar Associations. He was also a member of the American Judicature Society and a life member of the American Bar Foundation.

Mr. Loop was also very active in his community. He served as a Trustee of the Toledo Chamber of Commerce from 1971-1973, and served as a Director for many corporations including Gregory Industries, Inc.; Toledo Stamping & Manufacturing Company; Toledo Steel Tube Co.; Dubuque Stamping & Manufacturing Company; and the Mather Company. He was a member of the Toledo Club, the Belmont Country Club, the Naples Yacht Club, and the Hole-in-the-Wall Golf Club. He was a member of the St. Michael's in the Hills Episcopal Church in Toledo, and served as a member of the Vestry and as Senior Warden.

Alan Loop's interest in education went beyond his service on this Board. He was a member of the Board of Trustees of the Edna B. Rowe School of Organic Education; a Trustee of the Maumee Valley Country Day School; and a member of the Advisory Committee to the Senior Class at Vassar College in 1956-1957.

Mr. Loop's dedication to education and his strong commitment to his community are evident in the many ways he generously contributed his time and energy to these schools, corporations and other groups. He was indeed a fine example of how an individual can enrich both his life and the lives of those around him by serving the public interest.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and The Ohio State University community have sustained.

September 4 and 5, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Robert C. McMaster

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 6, 1986, of Robert C. McMaster, Professor Emeritus in the Department of Welding Engineering.

Dr. McMaster was born May 13, 1913, in Wilkinsburg, Pennsylvania. In his early years he was introduced to river-related activities by his father and his interest in boating and canoeing continued throughout his lifetime.

His career as an engineer and scientist began at Carnegie Institute of Technology where he received a Bachelor of Science in Electrical Engineering degree in 1936. Employment with the General Electric Company in Schenectady, New York, led to graduate work at the California Institute of Technology, Pasadena, California. A Master of Science degree was received in 1938 and a Doctor of Philosophy degree in Electrical Engineering and Physics, magna cum laude, in 1944. While in California he supervised the welding and x-ray research programs and worked extensively in the high voltage testing laboratory studying the effects of lightning on electric power transmission lines. Dr. McMaster developed during this period an interest in weather that later resulted in his participation in a twice-daily televised program which pioneered this activity and included an explanation of weather phenomena along with the usual data reports. His enthusiasm and knowledge of the subject established, over a span of fifteen years, the standards for weather news reporting followed today.

Dr. McMaster joined Battelle Memorial Institute in 1945 and developed and supervised, during ten years of association, the Department of Electrical Engineering. His interest in nondestructive testing continued to expand and included his serving as President of the Society of Nondestructive Testing in 1952-53. While at Battelle, he was awarded a patent on xeroradiography, a process extensively used in the medical field.

In 1955, Dr. McMaster joined the faculty of The Ohio State University as a Professor of Welding Engineering. He taught welding and nondestructive testing courses at both undergraduate and graduate levels. His outgoing personality coupled with his ability to explain complex concepts in a clear and understandable manner was well received by his students. He truly made the learning experience enjoyable. Until his retirement in 1977, Dr. McMaster continued his efforts in research, working with graduate students and a professional staff engaged in sponsored programs. His activities expanded into sonic power, the applications of which are still being developed. During this time he edited the first edition of the "Nondestructive Testing Handbook," a monumental task requiring thousands of hours of dedicated work. The two-volume publication was first available in 1959 and is in widespread use today as the best single reference on the subject.

Dr. McMaster was awarded nineteen patents including the application of x-rays for sterilization of food, an x-ray television imaging system, sonic power devices and a magnetic-reaction device using the Hall effect. He authored over 300 technical papers and received awards too numerous to list. His devotion to his work was equalled by his devotion to his family and friends. Dr. McMaster came into contact with a great

September 4 and 5, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Robert C. McMaster (contd)

many people during his lifetime and it is likely everyone of those people benefited from the association with him.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. McMaster its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family of Dr. McMaster as a sincere expression of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

William F. Shepard

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 1, 1986, of William F. Shepard, Assistant Professor Emeritus in the School of Allied Medical Professions.

William ("Friendly Fred") Shepard was born June 14, 1909, in Nelsonville, Ohio. He attended the Columbus Art School and the Landon School of Art in St. Louis. He completed two years in the College of Education at The Ohio State University.

In 1939, he was employed as a lab assistant in hematology at The Ohio State University. In 1948, he founded and was appointed director of the new Department of Medical Illustration in University Hospital. Medical Illustration was transferred to the School of Allied Medical Professions in 1966 and he continued as director and was appointed to the faculty as an Assistant Professor. He retired on September 30, 1968, and was granted emeritus status November 1, 1968.

He served as past director of education for the Ohio State Conservation Congress and for the Junior Sportsmen of Ohio. He was a past trustee for the Hilltop Sportsman's Club and a member of the Masons.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Garth W. Volk

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 8, 1986, of Dr. Garth W. Volk, Professor Emeritus in the Department of Agronomy.

Professor Volk was born in Maple Valley, Wisconsin, June 12, 1905. He received three academic degrees from the University of Wisconsin: a Bachelor's degree in 1934; a Master's degree in 1935; and a Ph.D. degree in 1936. Professor Volk held professional positions in industry and universities. He served as a soil chemist for United Fruit Company in Central America (1928-1933); Assistant Professor at Oklahoma State University (1936-1944); and as a Soil Chemist at the Ohio Agricultural Experiment Station (1944-1947). He was the first person to be chairman,

September 4 and 5, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Garth W. Volk (contd)

in 1947, of the reunified Department of Agronomy formed by combining the two departments; one at The Ohio State University and the other at the Ohio Agricultural Experiment Station in Wooster (1947-1975). He was a consultant to various USAID projects and international development organizations. He was granted emeritus status upon his retirement on July 1, 1975.

Professor Volk was elected Fellow of the American Society of Agronomy. He also received many other honorary positions and awards including Sigma Xi; Gamma Sigma Delta; Gamma Alpha; Phi Lambda Upsilon; recipient of the Agronomy Club; and received the Outstanding Faculty Award. He advised over twenty-five Ph.D. students and published over 50 articles on soil chemistry and soil fertility. He served on many university and professional committees.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Redman, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 87-29

Synopsis: The reports on contracts, grants, and gifts and the summaries for June and July 1986 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial and other agencies and alumni and various other individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund; and

WHEREAS John Deaver Drinko has requested that gifts previously made to the John Deaver Drinko-Baker and Hostetler Chair in Law be transferred from the University endowment to The Ohio State University Foundation in order to be used for the same purpose, namely support for a distinguished teacher and scholar in law at the University:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Development Fund during the months of June and July 1986, and the transfer of the funds in the John Deaver Drinko-Baker and Hostetler Chair in Law to The Ohio State University Foundation be approved.

Upon motion of Mr. Redman, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR JUNE 1986

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	182	\$12,344,143.57
Engineering Experiment Station	55	\$ 1,011,745.00
Total	237	\$13,355,888.57
The Ohio State University Development Fund		
Establishment of Named Funds		
The Admissions and Allocations Fund (Support projects and programs)		\$ 1,000,000.00
The Lawrence D. Stanley Professorship in Law (Support the work of a distinguished scholar and teacher)		\$ 309,000.00
Meat Science Endowment Fund (Support students, travel and research expenses - Department of Animal Science)		\$ 37,840.00
Center for Epigraphical Studies (Purchase of materials and equipment)		\$ 15,000.00
Emerson and Miriam Wollam Scholarship Fund (College of Social Work)		\$ 10,000.00
Charles Wallschlaeger Scholarship Fund (Industrial Design)		\$ 5,200.00
The George R. Haddad Piano Scholarship (School of Music)		\$ 5,025.00
The Guy and Jeannette Miller Scholarship Fund (Colleges of Agriculture or Home Economics)		\$ 5,000.00
Paul D. Morrill Memorial Lecture Fund (Department of Architecture)		\$ 5,000.00
The Social Psychology Advancement Fund (Support colloquia arranged by the social psychology area)		\$ 5,000.00

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JUNE 1986 (contd)

Change of Name and Description of Named Fund

From: Department of Home Management and Housing Endowment Fund
To: Department of Family Resource Management Endowment Fund

SUMMARY FOR JULY 1986

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	82	\$4,240,821.47
Engineering Experiment Station	55	\$ 925,524.00
Total	137	\$5,166,345.47

The Ohio State University Development Fund

Establishment of Named Funds

Humanities Fund (Research and curricula development)	\$ 15,000.00
The Michael Pupin Memorial Fund (Provide stipends to scholars and doctoral candidates in the field of Medieval Slavic Studies (Hilander Research Library))	\$ 10,000.00
The Robert E. Taylor Graduate Fellowship Fund (Support a doctoral level graduate student in comprehensive vocational education)	\$ 10,000.00
The Nikola Tesla Memorial Fund (Provide stipends to scholars and doctoral candidates in the field of Medieval Slavic Studies (Hilander Research Library))	\$ 10,000.00
Marian K. Thomas Horticulture Fund (Scholarships - Landscape Architecture)	\$ 10,000.00
The Bishop Mardarije Uskokovich Memorial Fund (Provide stipends to scholars and doctoral candidates in the field of Medieval Slavic Studies (Hilander Research Library))	\$ 10,000.00
Bishop Nikolai Velimirovich Memorial Fund (Provide stipends to scholars and doctoral candidates in the field of Medieval Slavic Studies (Hilander Research Library))	\$ 10,000.00
The Walter William Cooke Memorial Fund (Support the Raptor Rehabilitation Program in the College of Veterinary Medicine)	\$ 9,100.00

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JULY 1986 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Taber-Thompson Fellowship (College of Home Economics)	\$ 6,036.00
Stella J. Becker Scholarship Fund (Department of Dance)	\$ 5,200.00
The Agricultural Leaders Fund (Fund special projects or programs)	\$ 5,000.00
Max V. and Carolyn Martin Puderbaugh Bonsai Scholarship Fund (College of Agriculture - Department of Horticulture)	\$ 5,000.00
The Richard Delaney Athletic Scholarship Fund (Undergraduate students participating in a varsity sports program)	\$ 5,000.00
Fulton County 4-H Endowment Fund (Support the Fulton County 4-H Program)	\$ 5,000.00
Hancock County 4-H Endowment Fund (Support the Hancock County 4-H Program)	\$ 5,000.00
The Ohio State University Marion Campus Dean's Fund (Betterment of the Marion Campus)	\$ 5,000.00
The Ottawa County 4-H Endowment Fund (Support the Ottawa County 4-H Program)	\$ 5,000.00
Portage County 4-H Scholarship Endowment Fund (Portage County 4-H members)	\$ 5,000.00
Wood County 4-H Endowment Fund (Support the Wood County 4-H Program)	\$ 5,000.00

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - June 1986

Federal Research Contracts/Grants

\$1,250,000.00 - National Science Foundation, Washington, DC, Engineering Research Center for Net Shape Manufacturing, Department of Industrial and Systems Engineering (T. Altan), 1 May 1986 through 30 April 1987. (Project 765393 - New)

\$866,400.00 - Department of Education, Office of Special Education, Washington, DC, Regional Resource Center, Department of Human Services Education (T. Stephens), 1 June 1986 through 31 May 1987. (Project 763600 - Continuation)

\$564,765.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Mental Retardation Training, Nisonger Center (G. E. Martin), 1 July 1986 through 30 June 1987. (Project 761169 - Continuation)

\$195,967.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Advanced Educational Program in General Dentistry, Community Dentistry (L. P. Diorio), 1 July 1986 through 30 June 1987. (Project 765454 - New)

\$186,388.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Cytotoxic Cocarcinogenic and Antileukemic Agents, Department of Chemistry (L. A. Paquette), 1 June 1986 through 31 May 1987. (Project 763284 - Continuation)

\$184,328.00 - Department of Defense, National Security Agency, Fort George G. Meade, MD, Advanced Individualized Materials for Seven Slavic and East European Languages, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 May 1986 through 28 February 1987. (Project 764672 - Continuation)

\$183,480.00 - National Science Foundation, Washington, DC, An Integrated Cell for Machining and Polishing of Dies, Molds and Other Complex Shaped Parts, Department of Industrial and Systems Engineering (A. Bagchi, R. L. Lewis and T. Altan) and Department of Mechanical Engineering (K. Srinivasan), 1 July 1986 through 30 June 1987. (Project 765522 - New)

\$175,000.00 - Department of Health and Human Services, Office of Human Development Services, Administration on Developmental Disabilities, Kansas City, MO, UAF (University Affiliated Facility) Administration and Operation, Nisonger Center (V. L. Reynolds), 1 July 1986 through 30 June 1987. (Project 763712 - Continuation)

\$168,000.00 - Department of Education, Office of Postsecondary Education, Washington, DC, Graduate and Professional Study Fellowships Program, Graduate School Administration (J. D. Dickerscheid), 1 September 1986 through 31 August 1987. (Project 765430 - Continuation)

\$156,835.00 - Environmental Protection Agency, Washington, DC, Cocarcinogenesis Studies with Epstein-Barr Virus, Department of Medical

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Microbiology and Immunology (M. R. Glaser) and Cancer Research Center (L. D. Tomei), 1 July 1986 through 30 June 1987. (Project 764169 - Continuation)

\$149,615.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Carcinogenesis, Molecular and Cellular Biology, Cancer Research Center and Department of Physiological Chemistry (G. E. Milo), 1 September 1986 through 31 August 1987. (Project 764351 - Continuation)

\$142,000.00 - Environmental Protection Agency, Chicago, IL, Annual Open Lake Water Quality Surveillance Program for Lake Erie, Center for Lake Erie Research (D. E. Rathke), 1 March 1986 through 28 February 1987. (Project 765389 - Continuation)

\$142,000.00 - Department of the Interior, Bureau of Mines, Washington, DC, Mining and Mineral Resources Research Institute - Annual Allotment 86/87, Department of Metallurgical Engineering (G. R. St. Pierre), 1 July 1986 through 30 June 1987. (Project 765442 - Continuation)

\$137,895.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Human Thrombin: Binding and Recognition Sites, Department of Chemistry (L. J. Berliner), 1 September 1986 through 31 August 1987. (Project 761742 - Continuation)

\$137,576.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Research Triangle Park, NC, Genotoxicity in Human Fetal Brain, Dermis and Kidney Cells, Department of Radiology (S. M. D'Ambrosio and A. A. Wani), 20 June 1986 through 31 May 1987. (Project 763673 - Continuation)

\$134,715.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Pathobiological Determinants of Atherosclerosis in Youth, Department of Surgery (J. F. Cornhill), 1 June 1986 through 31 December 1986. (Project 764727 - Continuation)

\$130,958.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Study of the Pharmacokinetics of Anticancer Drugs, College of Pharmacy (L. Malspeis), 1 May 1986 through 30 April 1987. (Project 764113 - Continuation)

\$123,614.00 - National Science Foundation, Washington, DC, Stratigraphy, Paleontology and Sedimentology of the Sirius Formation, Institute of Polar Studies and Department of Geology and Mineralogy (P. N. Webb) and Institute of Polar Studies (J. H. Mercer), 1 September 1986 through 31 August 1987. (Project 764799 - Continuation)

\$121,503.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Cardiac Dysfunction and Sudden Death Modified by Exercise, Department of Physiology (G. E. Billman), 1 July 1986 through 30 June 1987. (Project 765510 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$114,056.00 - Department of the Interior, Geological Survey, Reston, VA, FY 86 Ohio Water Research Institute Program, Department of Civil Engineering (R. G. Stiefel and E. E. Whitlatch), Department of Chemical Engineering (L. S. Fan) and Department of Microbiology (R. M. Pfister), 1 July 1986 through 30 June 1987. (Project 765463 - Continuation)

\$112,079.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Dual Regulation of Human B Cell Colony Responses by CRP, Department of Internal Medicine (R. Whisler) and Department of Microbiology (R. F. Mortensen), 1 July 1986 through 30 June 1987. (Project 764226 - Continuation)

\$111,657.00 - National Science Foundation, Washington, DC, Ice Sheet Dynamics in West Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), 1 July 1986 through 30 June 1987. (Project 765491 - New)

\$110,356.00 - Department of the Army, Army Research Office, Research Triangle Park, NC, Studies on Syntheses and Derivatives of Boron Hydride Systems, Department of Chemistry (S. G. Shore), 1 July 1986 through 30 June 1987. (Project 764813 - Continuation)

\$109,250.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Studies on Topoisomerase I and II in Herpes Simplex Virus Replication, Department of Microbiology (M. T. Muller) and Department of Medical Microbiology and Immunology (D. S. Parris), 1 July 1986 through 30 June 1987. (Project 765482 - New)

\$103,012.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Identification of Gait Subtypes in Spastic Diplegia, Department of Surgery (S. R. Simon), 1 March 1986 through 31 August 1986. (Project 765480 - New)

\$102,837.00 - Environmental Protection Agency, Washington, DC, Promotion of Carcinogenesis: Role of Aberrant tRNA Modification, Department of Physiological Chemistry and Cancer Research Center (R. W. Trewyn), 1 July 1986 through 30 June 1987. (Project 764159 - Continuation)

\$100,000.00 - Department of Agriculture, Science and Education, Washington, DC, Molecular Analyses of Benomyl - Resistant Mutants of Aspergillus nidulans, Department of Microbiology (B. R. Oakley), 1 July 1986 through 30 June 1988. (Project 765513 - New)

\$99,923.00 - Department of the Navy, Navy Material Command, China Lake, CA, EM Modelling and Prediction Code Development, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 1 July 1986 through 30 June 1987. (Project 764991 - Continuation)

\$99,685.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Androgens and Estrogens in Insects, Department of Entomology (D. L. Denlinger) and

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

College of Pharmacy (R. W. Brueggemeier), 1 July 1986 through 30 June 1987. (Project 764185 - Continuation)

\$97,793.00 - Department of the Navy, Office of Naval Research, Silver Springs, MD, Electron Beam Generator, Department of Aeronautical and Astronautical Engineering (S. L. Petrie), 15 May 1986 through 14 October 1986. (Project 765343 - New)

\$97,245.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, DC, Cumulative Damage Modelling in Composite Laminates, Department of Civil Engineering (R. S. Sandhu, R. L. Sierakowski and W. E. Wolfe), 1 July 1986 through 30 June 1987. (Project 765471 - New)

\$97,140.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Genetics of Myogenesis: Structure and Function, Department of Genetics (S. Falkenthal), 1 June 1986 through 31 May 1987. (Project 763993 - Continuation)

\$92,885.00 - Department of Education, Office of Special Education, Washington, DC, Handicapped Personnel Preparation - Preparation of Special Educators, School of Health, Physical Education and Recreation (W. F. Ersing), 1 July 1986 through 30 June 1987. (Project 765519 - New)

\$88,465.00 - National Science Foundation, Washington, DC, A Flexible Motion-Synthesis Environment for Computer Animation, Department of Art Education (C. A. Csuri), 1 July 1986 through 30 June 1987. (Project 765475 - New)

\$79,486.00 - Department of the Army, Army Research Office, Research Triangle Park, NC, An Investigation into the Metallurgical Aspects of Joining Rapidly Solidified Powder Metallurgy Aluminum Alloys, Department of Welding Engineering (W. A. Baeslack, III), 1 September 1986 through 31 August 1987. (Project 764348 - Continuation)

\$75,000.00 - Department of Agriculture, Cooperative State Research Service, Washington, DC, Department of Plant Pathology - OARDC and Department of Pathology (R. M. Riedel and R. C. Rowe) and Department of Pathology (L. V. Madden), 1 September 1986 through 31 August 1988. (Project 765514 - New)

\$74,650.00 - National Science Foundation, Washington, DC, Engineering Research Equipment Grant: 2.5 kw Fundamental Mode CO₂ Laser, Department of Welding Engineering (C. E. Albright), 1 October 1986 through 31 March 1987. (Project 765518 - New)

\$66,405.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Specific Analysis of Cardiac Glycosides in Patient Serum, College of Pharmacy (R. H. Reuning), 1 July 1986 through 30 June 1987. (Project 765511 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$65,000.00 - Department of Agriculture, Cooperative State Research Service, Washington, DC, Evolution of Leafhoppers and Stunting Pathogens with Maize and Its Ancestors, Department of Entomology - OARDC (L. R. Nault) and Department of Plant Pathology (L. V. Madden), 15 June 1986 through 30 June 1987. (Project 764270 - Continuation)

\$65,000.00 - Department of the Army, Army Research Office, Research Triangle Park, NC, The Chemistry of Hexaazotriphenylene Hexanitile, A Polyfunctional Heterocycle with Potential Utility in the Formulation of Thermostable Polymers, Department of Chemistry (A. W. Czarnik), 1 August 1986 through 31 July 1987. (Project 764885 - Continuation)

\$65,000.00 - National Science Foundation, Washington, DC, Functional Specificity of Neurons in Hypothalamic Tissue Slices, Department of Physiology (J. A. Boulant), 1 July 1986 through 31 December 1987. (Project 764687 - Continuation)

\$64,623.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Energetics of Contraction in Single Muscle Cells, Department of Physiology (J. A. Rall), 1 July 1986 through 30 June 1987. (Project 760993 - Continuation)

\$63,735.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, The Application of Low Temperature Chemistry and Kinetics to Photo Affinity Labelling, Department of Chemistry (M. S. Platz), 1 July 1986 through 30 June 1987. (Project 765496 - New)

\$62,489.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, NCI Physician-Investigator Development Award Program, Department of Internal Medicine (E. A. Copelan), 1 August 1986 through 31 July 1987. (Project 764303 - Continuation)

\$61,999.00 - National Science Foundation, Washington, DC, A Study of the Windfield Near Terra Nova Bay, Institute of Polar Studies (D. H. Bromwich), 1 June 1986 through 31 May 1987. (Project 765479 - New)

\$60,000.00 - National Science Foundation, Washington, DC, Anaerobic Metabolism in Echinochloa crus-galli (Barnyard Grass) Seeds, Department of Horticulture - OARDC and Department of Horticulture (R. A. Kennedy), 1 July 1986 through 31 December 1987. (Project 764790 - Continuation)

\$59,584.00 - National Science Foundation, Washington, DC, Timing in Serial Pattern Perception and Remembering, Department of Psychology (M. R. Jones), 1 October 1986 through 30 September 1987. (Project 764369 - Continuation)

\$58,800.00 - National Science Foundation, Washington, DC, Structure, Dynamic Behavior and Synthesis of Selected Solvated Carbanionic Substances, Department of Chemistry (G. A. Fraenkel), 1 July 1986 through 30 November 1986. (Project 765472 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$57,239.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Calcium and Calmodulin in Smooth Muscle Contraction, Department of Physiological Chemistry (J. D. Johnson), 1 July 1986 through 30 June 1987. (Project 764737 - Continuation)

\$57,059.00 - Department of the Army, Army Troop Supply Command, Ft. Belvoir, VA, Detecting the Presence of Tunnels (Physical Properties Logging and Borehole Resistivity), Department of Geology and Mineralogy (J. J. Daniels), 30 June 1986 through 30 November 1986. (Project 765477 - New)

\$56,000.00 - Department of Energy, Argonne, IL, Hydrology and Geochemistry of Small Tundra Drainage Basins in Response to Active Layer Disturbance, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 1 July 1986 through 30 June 1987. (Project 764231 - Continuation)

\$55,000.00 - National Aeronautics and Space Administration, George C. Marshall Flight Center, Marshall Space Flight Center, AL, Theoretical Studies of the Surface Tension of Liquid Metal Systems, Department of Physics (D. G. Stroud), 1 July 1986 through 30 June 1987. (Project 764280 - Continuation)

\$53,300.00 - National Science Foundation, Washington, DC, Theoretical Studies of Equilibrium and Non-Equilibrium Multilayer Films, Department of Physics (C. A. Ebner and W. F. Saam), 1 July 1986 through 30 June 1987. (Project 764263 - Continuation)

\$53,147.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Role of Polyamines in Calmodulin and C-Kinase Regulation, Periodontics (J. D. Walters), 1 July 1986 through 30 June 1987. (Project 765508 - New)

\$52,157.00 - National Science Foundation, Washington, DC, A Study of the Influence of Sulfur Content and Ladle Refining Practices on the Susceptibility of Low Alloy Steels to Hydrogen Cracking, Department of Metallurgical Engineering (G. R. St. Pierre and S. S. Smialowska), 1 March 1986 through 28 February 1987. (Project 764029 - Continuation)

\$51,341.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Calcium and Calmodulin Smooth Muscle Contraction, Department of Physiological Chemistry (J. D. Johnson), 1 July 1986 through 30 June 1987. (Project 764653 - Continuation)

\$50,786.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Graduate Program in Hospital and Health Services Administration, Hospital and Health Services Administration (S. F. Loeb), 1 October 1986 through 30 September 1987. (Project 761329 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$49,199.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, MD, Improvement of the Earth's Gravity Field from Terrestrial and Satellite Data, Department of Geodetic Science and Surveying (R. H. Rapp), 1 August 1986 through 31 July 1987. (Project 760056 - Continuation)

\$44,573.00 - Department of Energy, Argonne, IL, Molecular Orbital Studies of the Bonding in Heavy Element Organometallics, Department of Chemistry (B. Bursten), 1 July 1986 through 30 June 1987. (Project 765484 - New)

\$43,208.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Sertoli Cell-Germ Cell Surface Membrane Interactions, Department of Anatomy (R. M. Dephilip), 1 July 1986 through 30 June 1987. (Project 764825 - Continuation)

\$40,000.00 - Department of Agriculture, Science and Education, Washington, DC, Preparation of Science Workbook II and a National Higher Education Comprehensive Report, College of Agriculture - Administration and Department of Agricultural Economics and Rural Sociology (E. E. Darrow), 21 April 1986 through 30 April 1990. (Project 765431 - New)

\$40,000.00 - Department of Education, Center for International Education, Washington, DC, Fulbright-Hays Group Projects Abroad - USSR, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 August 1986 through 31 July 1987. (Project 765435 - New)

\$40,000.00 - National Aeronautics and Space Administration, Washington, DC, Effects of Hypergravity and Hypogravity Environments on Cell Cycle Regulation during Fern Spore Germination, Department of Botany (V. Raghavan), 15 June 1986 through 14 June 1987. (Project 765460 - New)

\$40,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, MD, Robust Estimation of Regional Deformation and Relative Plate Motions from Robust Estimation, Department of Geodetic Science and Surveying (I. I. Mueller), 1 July 1986 through 30 June 1987. (Project 761054 - Continuation)

\$37,757.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Health Careers Academic Advancement Program, College of Medicine - Administration (M. Tzagournis, J. H. Williams and G. L. Trzebiatowski), 1 September 1986 through 31 August 1987. (Project 765421 - New)

\$37,363.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Separated Flows, Department of Aeronautical and Astronautical Engineering (L. R. Burggraf), 1 July 1986 through 31 December 1986. (Project 763412 - Continuation)

\$35,200.00 - National Science Foundation, Washington, DC, Nearly Integrable Systems in Nonlinear Dispersive Wave Equations, Department of Mathematics (J. Kodama), 1 July 1986 through 30 June 1988. (Project 765467 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$35,000.00 - National Science Foundation, Washington, DC, Problems in Harmonic Analysis, Department of Mathematics (J. M. Rosenblatt), 1 July 1986 through 30 June 1987. (Project 765505 - New)

\$33,792.00 - National Science Foundation, Washington, DC, The Urban Development Process and the Rise of the new Spatial Politics, Department of Geography (K. R. Cox), 1 July 1986 through 30 June 1987. (Project 765515 - New)

\$32,000.00 - National Science Foundation, Washington, DC, The Relationship between Resource Patterns and the Structure of Social Systems, Department of Zoology (J. F. Downhower), 1 September 1986 through 31 August 1987. (Project 763984 - Continuation)

\$31,300.00 - National Science Foundation, Washington, DC, Universal and Nonuniversal Properties of Local Moment Systems, Department of Physics (C. Jayaprakash), 1 May 1986 through 30 April 1987. (Project 764104 - Continuation)

\$30,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, CA, Analysis of Two Advanced Transonic Airfoils, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 1 June 1986 through 30 September 1986. (Project 765448 - New)

\$25,900.00 - National Science Foundation, Washington, DC, Development and Applications of Fully Symmetry-Adapted Electronic Structure Program, Department of Chemistry (R. M. Pitzer), 15 May 1986 through 30 June 1987. (Project 763922 - Continuation)

\$25,717.07 - Department of Agriculture, Cooperative State Research Service, Washington, DC, Mechanisms by Which Soybean Plants Optimize Infection and Nodulation by Rhizobium, Department of Agronomy - OARDC and Department of Agronomy (W. D. Bauer), 15 May 1986 through 31 December 1986. (Project 765387 - New)

\$25,000.00 - National Science Foundation, Washington, DC, Presidential Young Investigator Award, Department of Physics (C. Jayaprakash), 1 July 1986 through 30 June 1987. (Project 764850 - Continuation)

\$21,607.00 - Department of the Army, Army Aerospace Medical Research Laboratory, Fort Rucker, AL, Data Analysis of Endothelial Cell Photography on Patients Involved in the Contact Lenses in Armor and Aviation Studies, College of Optometry (J. P. Schoessler), 1 July 1986 through 30 June 1987. (Project 765495 - New)

\$21,000.00 - National Science Foundation, Washington, DC, Mathematical Sciences: Problems Related to Graph Well-Quasi Ordering, Department of Mathematics (N. Robertson), 1 July 1986 through 30 June 1987. (Project 764642 - Continuation)

\$18,776.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Relationship of a 65K HSV-1 Protein with Topoisomerase, Department of Medical Microbiology

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

and Immunology (D. S. Parris), 9 June 1986 through 31 December 1986.
(Project 765457 - New)

\$17,000.00 - National Science Foundation, Washington, DC, Micromechanisms of Polycrystalline Strain Propagation, Department of Metallurgical Engineering (R. H. Wagoner and W. A. T. Clark), 1 June 1986 through 31 December 1986. (Project 763921 - Continuation)

\$15,000.00 - National Academy of Science, Washington, DC, Comparable Worth and Occupational Labor Market Explanations of Occupational Earnings Differentials, Department of Sociology (T. L. Parcel), 1 July 1986 through 15 November 1987. (Project 765524 - New)

\$14,736.00 - National Science Foundation, Washington, DC, Boundary Layer Studies in Terra Nova Bay, Antarctica, Institute of Polar Studies (D. H. Bromwich), 1 June 1986 through 30 November 1986. (Project 764091 - Continuation)

\$13,300.00 - National Science Foundation, Washington, DC, Singular Integral Operator Algebras on Singular Spaces, Department of Mathematics (A. Dynin), 1 July 1986 through 30 June 1987. (Project 765523 - New)

\$13,050.00 - National Science Foundation, Washington, DC, Application of Measure Theory to Banach Spaces and Probabilities, Department of Mathematics (M. Talagrand), 15 June 1986 through 31 May 1987. (Project 765478 - New)

\$12,586.00 - National Science Foundation, Washington, DC, A Commodity Flow Alternative to Measuring Corporate Dominance, Department of Geography (R. W. Jackson), 16 June 1986 through 31 January 1987. (Project 765497 - New)

\$12,232.00 - Department of Education, Office of Special Education Rehabilitation Services, Washington, DC, Rehabilitation Long-Term Traineeships, Department of Communication (H. J. Oyer), 1 September 1986 through 31 August 1987. (Project 764355 - Continuation)

\$11,392.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Nurse Anesthetist Traineeship Grant, School of Allied Medical Professions (W. R. Waugaman), 1 July 1986 through 30 June 1987. (Project 764173 - Continuation)

\$11,066.00 - Department of the Army, Army Corps of Engineers, Vicksburg, MS, Evaluation of the Response of Reinforced Concrete Structures Subjected to Dynamic Loads, Department of Civil Engineering (W. E. Wolfe), 1 July 1986 through 30 September 1986. (Project 765087 - Continuation)

\$10,120.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Traineeships for Students in Graduate Health Administration, Hospital and

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Health Services Administration (S. F. Loebs), 1 July 1986 through 30 June 1987. (Project 765444 - Continuation)

\$9,050.00 - National Science Foundation, Washington, DC, The Arithmetic of Function Fields, Department of Mathematics (D. M. Goss), 1 July 1986 through 30 June 1987. (Project 765462 - New)

\$6,750.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Physiological Analysis of Optic Nerve Disease, College of Optometry (P. E. King-Smith), 1 April 1986 through 30 September 1987. (Project 763996 - Continuation)

\$5,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Second International Symposium on Epstein-Barr Virus and Associated Malignant Diseases, Department of Medical Microbiology and Immunology (M. R. Glaser), 1 September 1986 through 31 August 1987. (Project 765507 - New)

\$4,078.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Residency Training in the General Practice of Dentistry, Community Dentistry (L. P. Diorio), 1 July 1986 through 30 June 1987. (Project 764180 - Continuation)

\$400.00 - National Science Foundation, Washington, DC, Thermohydrodynamic Study of Journal Bearing, Department of Engineering Graphics (M. M. Khonsari), 1 March 1986 through 28 February 1987. (Project 765326 - New)

TOTAL - FEDERAL AWARDS \$8,958,374.07

State of Ohio Research Contracts/Grants

\$174,590.00 - State of Ohio, Department of Development, Columbus, OH, Regional Labor-Management Cooperation Center, Center for Human Resource Research and Academic Faculty of Management and Human Resources (H. R. Blaine), 1 May 1986 through 30 June 1987. (Project 765432 - New)

\$155,985.00 - State of Ohio, Department of Education, Columbus, OH, Matrix Conversion and Vocational Education Projections, Academic Faculty of Management and Human Resources and Center for Human Resource Research (H. R. Blaine), 1 July 1986 through 30 June 1987. (Project 765526 - New)

\$51,000.00 - State of Ohio, Ohio Department of Education, Columbus, OH, Ohio Education Deans' Task Force Project, Department of Human Services Education (T. M. Stephens), 1 July 1986 through 30 June 1987. (Project 764196 - Continuation)

\$30,093.00 - State of Ohio, Ohio Department of Education, Columbus, OH, Linkages to Build Support for Entrepreneurship Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 May 1986 through 31 October 1986. (Project 765415 - New)

\$20,624.00 - State of Ohio, Governor's Office of Criminal Justice Services, Columbus, OH, Crime Prevention Training, Department of

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

Economics and Rural Sociology (J. F. Donnermeyer), 1 July 1986 through 30 June 1987. (Project 765382 - New)

\$20,000.00 - State of Ohio, Department of Commerce, Columbus, OH, Center for Real Estate Education and Research, College of Business - Administration (R. L. Racster), 1 July 1986 through 30 June 1987. (Project 765413 - New)

\$19,907.00 - State of Ohio, Ohio Department of Education, Columbus, OH, Linkages to Build Support for Entrepreneurship Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 May 1986 through 31 December 1986. (Project 765415 - Continuation)

\$12,900.00 - State of Ohio, Department of Mental Health, Columbus, OH, General Traineeship FY '87, Department of Psychology (H. L. Mirels), 1 July 1986 through 30 June 1987. (Project 765512 - Continuation)

\$1,210.00 - State of Ohio, Department of Natural Resources, Columbus, OH, Life History Studies of the Mountain and Northern Madtoms (Noturus Eleutherus and Noturus Stigmosus) in Ohio, Department of Zoology (T. M. Cavender), 1 May 1985 through 31 December 1986. (Project 765428 - New)

\$1,000.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Memorable Dress/Ohio Women, College of The Arts - Administration (J. W. Green), 1 March 1986 through 30 June 1986. (Project 765429 - New)

\$125.00 - State of Ohio, Ohio Humanities Council, Columbus, OH, An Evening in Byzantium: Dramatic Presentations on Byzantine Civilization, Department of History (T. Gregory), 1 March 1985 through 30 September 1986. (Project 765199 - Continuation)

\$100.00 - State of Ohio, Department of Health, Columbus, OH, Rape Education Workshop Project, Office of Student Life (S. Hansen), 1 October 1985 through 30 September 1986. (Project 765136 - Continuation)

TOTAL - STATE OF OHIO AWARDS \$ 487,534.00

Industrial Research Contracts/Grants

\$165,506.00 - Boeing Company, Seattle, WA, Compact Range Performance Analysis, Department of Electrical Engineering, ElectroScience Laboratory (D. J. Young), 1 June 1986 through 31 December 1986. (Project 765397 - New)

\$87,567.00 - Sandia Laboratories, Albuquerque, NM, Interconnection of Silicon Solar Cells, Department of Welding Engineering (C. E. Albright), 1 June 1986 through 31 December 1987. (Project 765402 - New)

\$62,850.00 - Eli Lilly and Company, Indianapolis, IN, Fluoxetine vs. Placebo in Bulimia: Parallel Blind, Department of Psychiatry (K. N. Dixon and A. B. Levy), 1 May 1986 through 31 January 1987. (Project 765438 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$59,935.00 - TRW, Inc., Redondo Beach, CA, Mechanisms and Kinetics of Coal Volatiles Combustion, Department of Mechanical Engineering (R. H. Essenhigh), 1 July 1986 through 28 November 1987. (Project 764572 - Continuation)

\$42,285.00 - Singer-Link, Inc., Binghamton, NY, Evaluation of the Esprit System Phase II, Department of Psychology (D. H. Owen), 1 May 1986 through 30 November 1986. (Project 765391 - New)

\$32,572.00 - TRW, Inc., San Diego, CA, Multifunction Antenna Study, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 30 April 1986 through 30 September 1986. (Project 765410 - New)

\$30,480.00 - Brigham and Women's Hospital, Inc., Boston, MA, Multipurpose Arthritis Center, Department of Surgery (S. R. Simon), 1 April 1986 through 31 March 1987. (Project 765441 - New)

\$21,340.00 - Norwich Eaton Pharmaceuticals, Norwich, NY, An Open-Label Study to Evaluate Nitrofurantoin Repeat Action Tablets 175 BID for 7 Days in the Treatment of Urinary Tract Infections, Department of Internal Medicine (C. M. Kunin), 9 June 1986 through 30 September 1986. (Project 765408 - New)

\$21,340.00 - Norwich Eaton Pharmaceuticals, Norwich, NY, An Open-Label Study to Evaluate Nitrofurantoin Sustained Release Capsules 200 mg BID for 7 Days in the Treatment of Urinary Tract Infections, Department of Internal Medicine (C. M. Kunin), 9 June 1986 through 30 September 1986. (Project 765409 - New)

\$20,434.00 - Systems Control Technology, Incorporated, Palo Alto, CA, Prototype Judgment and Cockpit Resource Management (CRM) Training Development Rotocraft and Fixed Wing, Department of Aviation (R. S. Jensen), 13 June 1986 through 12 October 1986. (Project 765461 - New)

\$19,985.00 - The Proctor and Gamble Company, Cincinnati, OH, The Effects of Nonperformance Attributes on Product Selection and Use, College of Home Economics - Administration and Department of Family Resource Management (L. V. Geistfeld), 1 July 1986 through 30 September 1986. (Project 765416 - New)

\$14,471.00 - Fidia, Abano Terme (PD), Italy, Consequences of Administering Ganglioside (GM1) or Synthetic Ganglioside (AGF2) after 1-methyl-4-phenyl-1,2,3,6-Tetra Hydro Pyridine (MPTP) Induced Neurotoxicity, Department of Pharmacology (N. H. Neff), 1 April 1986 through 31 March 1987. (Project 765423 - New)

\$7,811.00 - DeVry Institute of Technology, Columbus, OH, Student Personnel in Higher Education, Department of Educational Policy and Leadership (R. F. Rodgers), 21 September 1986 through 31 May 1987. (Project 765424 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$5,000.00 - The Conover Company, Ltd., Omro, WI, The Vocational Assessment Training Center, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1986 through 31 May 1987. (Project 765474 - New)

\$4,000.00 - Universal Energy Systems, Dayton, OH, Modfet AC-Model without Additional Fitting Parameters, Department of Electrical Engineering (P. Roblin), 1 July 1986 through 31 December 1986. (Project 765506 - New)

\$1,000.00 - Global Perspectives in Education, Inc., New York, NY, Support Funds -- Global Perspectives in Education, Department of Educational Theory and Practice (E. Gilliom), 1 January 1986 through 31 August 1986. (Project 765212 - Continuation)

TOTAL - INDUSTRIAL AWARDS \$ 596,576.00

Other Non-Federal Research Contracts/Grants

\$760,500.00 - Midwest Universities Consortium for International Activities, Inc. (MUCIA), Champaign, IL, Burma Maize and Oilseeds Production Project, International Programs in Agriculture (M. E. Headings), 22 September 1982 through 26 October 1986. (Project 763368 - Continuation)

\$308,100.00 - United Nations, Geneva, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1986 through 30 June 1987. (Project 760113 - Continuation)

\$160,000.00 - American Cancer Society, New York, NY, Function of the Herpes Simplex Virus Deoxyribonuclease, Department of Medical Microbiology and Immunology (D. S. Parris), 1 July 1986 through 30 June 1988. (Project 765525 - New)

\$113,892.00 - Healthcare Financial Management Association, Oak Brook, IL, The Development of a Financial Service for the Hospital Industry, Hospital and Health Services Administration (W. O. Cleverley), 1 July 1986 through 30 June 1987. (Project 761794 - Continuation)

\$74,542.00 - Ministry of Education, Republic of Korea, Seoul, Korea, Korean Science Teacher Institute, Department of Educational Theory and Practice (V. J. Mayer), 1 June 1986 through 31 July 1986. (Project 765407 - New)

\$53,359.00 - North Central Computer Institute, Madison, WI, A Computer-Aided Instructional Program Using a Plant Video Disc and a Data Base for Horticultural and Landscape Architectural Study, Department of Horticulture - OARDC and Department of Horticulture (T. D. Sydnor), 1 November 1985 through 31 December 1986. (Project 765367 - New)

\$49,759.00 - American Federation of Labor and Congress of Industrial Organizations, Washington, DC, Labor Studies Curriculum Materials for Vocational/Technical Secondary School Instructors and Students, The

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

National Center for Research in Vocational Education (R. E. Taylor), 15 May 1986 through 15 December 1986. (Project 765411 - New)

\$45,740.00 - Paralyzed Veterans of America, Washington, DC, Trial of a 5-Lipoxygenase Inhibitor in Experimental Spinal Cord Injury, Department of Physiological Chemistry (L. A. Horrocks), 1 July 1986 through 30 June 1987. (Project 765481 - New)

\$38,877.00 - Battelle Memorial Institute, Seattle, WA, Immunosuppressive Approaches to the Treatment of Kidney Transplant Recipients, Department of Surgery (R. M. Ferguson), 21 October 1985 through 30 April 1987. (Project 765503 - New)

\$33,300.00 - Jessie Smith Noyes Foundation, New York, NY, Tropical Forest Management: A Graduate Fellowship Program, Department of Natural Resources (C. B. Davis), Department of Agricultural Economics and Rural Sociology (D. D. Southgate) and Department of Natural Resources - OARDC (M. M. Larson), 1 September 1986 through 31 August 1988. (Project 765520 - New)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Biochemical Characterization of Human Cardiomyopathy, Department of Internal Medicine and Department of Physiological Chemistry (R. A. Altschuld), 1 July 1986 through 30 June 1987. (Project 765455 - New)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Clinical-Morphometric Correlates in Human Myocardial Disease - Young Investigatorship, Department of Pathology (P. B. Baker), 1 July 1986 through 30 June 1987. (Project 765493 - New)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Impedance in Heart Failure: Response to Therapeutic Agents - Young Investigator Award, Department of Internal Medicine (P. F. Binkley), 1 July 1986 through 30 June 1987. (Project 765422 - New)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Molecular Genetics of the Human Heart, Department of Genetics (S. Falkenthal), 1 July 1986 through 30 June 1987. (Project 765453 - New)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Myosin Isoenzymes and Energy Liberation in Single Muscle Cells, Department of Physiology (J. A. Rall), 1 July 1986 through 30 June 1987. (Project 765469 - New)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Oxygen Radicals and Reperfusion Damage in Anoxic Myocytes, Department of Physiological Chemistry (G. P. Brierley), 1 July 1986 through 30 June 1987. (Project 765447 - New)

\$25,000.00 - University of California, Lawrence Livermore Laboratories, Livermore, CA, HF (High Frequency) Shipboard Antennas, Department of

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Electrical Engineering, ElectroScience Laboratory (R. Rudduck), 1 July 1986 through 30 November 1986. (Project 765509 - New)

\$24,705.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, The Role of Carbonic Anhydrase in Proximal Tubular Function, Department of Physiology (B. A. Biagi), 1 July 1986 through 30 June 1987. (Project 765468 - New)

\$23,267.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Fluorescence Measurements in Calcium Tolerant Myocytes, Department of Physiology (B. T. Stokes), 1 July 1986 through 30 June 1987. (Project 765504 - New)

\$21,559.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Cholesterol-Atherosclerosis-Prevention - Fish Oils, Department of Physiological Chemistry (R. V. Panganamala), 1 July 1986 through 30 June 1987. (Project 765456 - New)

\$18,337.00 - Ohio Cancer Research Associates, Columbus, OH, Cyclic AMP Dependent Protein Kinase, Regulation of Macrophage Antitumor Activity, Department of Microbiology (B. S. Zwilling), 1 July 1986 through 30 June 1987. (Project 765470 - New)

\$18,331.00 - Muscular Dystrophy Association, New York, NY, Skeletal Muscle Z-Lines: Fractionation and Study of Protein Constituents, Department of Veterinary Anatomy (M. Yamaguchi), 1 July 1986 through 30 June 1987. (Project 765464 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Adrenal Catecholamine Release: Receptor Mechanisms, College of Pharmacy (D. B. McKay), 1 July 1986 through 30 June 1987. (Project 764769 - Continuation)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Clinical-Morphometric Correlates in Human Myocardial Disease - Grant-in-Aid, Department of Pathology (P. B. Baker), College of Pharmacy (J. M. Jagadeesh), Department of Internal Medicine (D. Unverferth) and Department of Preventive Medicine (M. Moeschberger), 1 July 1986 through 30 June 1987. (Project 765494 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Drug Responses in Isolated Human Coronary Arteries, Department of Internal Medicine (D. V. Unverferth and R. C. Starling), 1 July 1986 through 30 June 1987. (Project 765414 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Impedance in Heart Failure: Responses to Therapeutic Agents, Department of Internal Medicine (P. F. Binkley and C. V. Leier), 1 July 1986 through 30 June 1987. (Project 765412 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Systolic/Diastolic Ventricular Function: Doppler

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Assessment, Department of Internal Medicine (P. F. Binkley and S. C. Hirsch), 1 July 1986 through 30 June 1987. (Project 765427 - New)

\$17,843.00 - Ohio Cancer Research Associates, Columbus, OH, Development of Solid-Phase Immunoassays for Human Deoxynucleoside Kinase Isoenzymes, Department of Biochemistry (D. Ives), 1 July 1986 through 30 June 1987. (Project 765465 - New)

\$17,642.00 - University of California, Berkeley, CA, Faculty Participation with the Superconducting Super Collider Central Design Group, Department of Physics (H. P. Kagan and R. D. Kass), 1 January 1986 through 30 June 1986. (Project 765217 - Continuation)

\$15,509.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Exercise Intervention of Microvascular Disease in Diabetes, School of Health, Physical Education and Recreation (W. M. Sherman), 1 July 1986 through 30 June 1987. (Project 765449 - New)

\$15,125.00 - Muskingum College, New Concord, OH, Brain Electrical Activity Related to Information Processing in the Learning Disabled - Technical Assistance and Consultation to Muskingum College, Department of Educational Theory and Practice (M. Languis), 1 May 1986 through 30 September 1987. (Project 765492 - New)

\$15,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Molecular Genetics of Human Vascular Smooth Muscle, Department of Biochemistry (E. F. Vanin), 1 July 1986 through 30 June 1987. (Project 765476 - New)

\$15,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Smokeless Tobacco and Blood Pressure in Males Ages 13-25, Oral Biology (K. Schroeder) and School of Health, Physical Education and Recreation (M. S. C. Chen), 1 July 1986 through 30 June 1987. (Project 765516 - New)

\$15,000.00 - American Heart Association, Ohio Affiliate, Inc., Columbus, OH, Atrial Natriuretic Factors in Cardiac Disease, Department of Internal Medicine (H. Boudoulas), 1 July 1986 through 30 June 1987. (Project 765498 - New)

\$14,880.00 - Battelle Memorial Institute, Columbus, OH, Exploratory Development Study of Applications for the Weld Quality Monitor, Department of Welding Engineering (D. G. Howden), 22 May 1986 through 21 December 1986. (Project 765440 - New)

\$14,813.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Ventricular Performance: Evaluation by Vena Caval Occlusion, Department of Internal Medicine (D. V. Van Fossen), 1 July 1986 through 30 June 1987. (Project 765459 - New)

\$14,764.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Regulation of Endogenous Endothelial Anticoagulant

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Activity, Department of Pathology (J. T. Brandt), 1 July 1986 through 30 June 1987. (Project 765483 - New)

\$13,345.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Effect of Ca^{++} Antagonists on Mitochondrial Malic Enzyme, Department of Food Science and Nutrition (K. L. Roehrig), 1 July 1986 through 30 June 1987. (Project 765473 - New)

\$12,500.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Heart Respiratory Control by Cytochrome C Oxidase Structure - Young Investigator Award, Department of Physiological Chemistry (F. G. Fiamingo), 1 July 1986 through 30 June 1987. (Project 765436 - New)

\$11,457.00 - Capital University, Columbus, OH, Student Personnel in Higher Education, Department of Educational Policy and Leadership (R. F. Rodgers), 4 August 1986 through 31 May 1987. (Project 765418 - Continuation)

\$11,000.00 - Six Members of the National Entrepreneurship Education Consortium, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764945 - Continuation)

\$10,400.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Drug Responses in Isolated Human Coronary Arteries, Department of Physiological Chemistry (J. D. Johnson) and Department of Internal Medicine (R. C. Starling), 1 July 1986 through 30 June 1987. (Project 765451 - New)

\$10,252.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Pathophysiology of Post-Prandial Hypotension in the Elderly, Department of Internal Medicine (R. L. Donnerberg and S. E. Washington), 1 July 1986 through 30 June 1987. (Project 765458 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Chronic Congestive Heart Failure: Effects of Naloxone, Department of Internal Medicine (C. V. Leier and N. Majetich), 1 July 1986 through 31 December 1986. (Project 765437 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Heart Respiratory Control by Cytochrome C Oxidase Structures, Department of Physiological Chemistry (F. G. Fiamingo), 1 July 1986 through 30 June 1987. (Project 765433 - New)

\$8,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Systolic/Diastolic Ventricular Function: Doppler Assessment, Department of Internal Medicine (P. F. Binkley) and Department of Internal Medicine - Administration (S. C. Hirsch), 1 July 1986 through 30 June 1987. (Project 765452 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$6,205.00 - National Dairy Herd Improvement, Assoc., Inc., Columbus, OH, Socioeconomic Issues in the Utilization of the Dairy Herd Improvement Individual Cow Somatic Cell Counting Program, Department of Veterinary Preventive Medicine (W. D. Hueston), 1 July 1986 through 30 June 1987. (Project 765443 - New)

\$6,130.00 - Otterbein College, Westerville, OH, Student Personnel in Higher Education, Department of Educational Policy and Leadership (R. F. Rodgers), 20 August 1986 through 14 June 1987. (Project 765419 - Continuation)

\$5,000.00 - State of Ohio, Department of Education, Columbus, OH, Career Guidance Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1985 through 30 September 1986. (Project 765089 - Continuation)

\$4,800.00 - North Atlantic Treaty Organization, Brussels, Belgium, Mantle and Crustal Processes in Subvolcanic Alkali Rock Petrogenesis, Department of Geology and Mineralogy (K. A. Foland), 1 May 1986 through 30 April 1987. (Project 765324 - New)

\$4,000.00 - Central Ohio Diabetes Association, Columbus, OH, Comparison of Electrogastrographic Data from Normal, Diabetic, and Gastroparetic Patients, Department of Family Medicine (L. Vandecreek), 1 July 1986 through 30 June 1987. (Project 765517 - New)

\$2,483.50 - Morris Animal Foundation, Englewood, CO, Cloning of the Antigens of Potomac Horse Fever by Using Recombinant DNA Technology, Department of Veterinary Pathobiology (Y. Rikihisa), 1 April 1986 through 30 September 1986. (Project 765307 - Continuation)

\$2,143.00 - The Burroughs Wellcome Fund, Research Triangle Park, NC, Neuropathologic Changes Associated with Neutron Irradiation and Boron Neutron Capture Therapy of Rat Glioblastoma, Department of Pathology (R. F. Barth), 20 May 1986 through 30 September 1986. (Project 765420 - New)

\$2,100.00 - The Columbus Foundation, Columbus, OH, Carers of the Chronically Ill, College of Social Work (H. Schneiderman), 1 May 1986 through 30 April 1987. (Project 765450 - New)

\$2,000.00 - Louisiana State Department of Education, Baton Rouge, LA, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764945 - Continuation)

\$2,000.00 - New York State Department of Education, Albany, NY, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764945 - Continuation)

\$2,000.00 - St. Louis Community College, St. Louis, MO, National Postsecondary Alliance, The National Center for Research in Vocational

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Education (R. E. Taylor), 1 July 1986 through 30 June 1987. (Project 765434 - Continuation)

\$750.00 - American Chemical Society, Washington, DC, Calcium and Cardiovascular Disease, Department of Physiological Chemistry (J. D. Johnson) and College of Medicine - Administration (C. L. Yash), 16 June 1986 through 22 August 1986. (Project 765499 - New)

\$750.00 - American Chemical Society, Washington, DC, Mechanism of Membrane Breakdown after Spinal Cord Injury, Department of Physiological Chemistry (A. A. Farooqui) and College of Medicine - Administration (C. L. Yash), 16 June 1986 through 22 August 1986. (Project 765500 - New)

\$750.00 - American Chemical Society, Washington, DC, Mechanisms of Platelet Aggregation, Department of Physiological Chemistry (R. V. Panganamala) and College of Medicine - Administration (C. L. Yash), 16 June 1986 through 22 August 1986. (Project 765501 - New)

\$750.00 - American Chemical Society, Washington, DC, 60 kd Oncofetal Protein as a Tumor Marker, Department of Physiological Chemistry (T. E. Webb) and College of Medicine - Administration (C. L. Yash), 16 June 1986 through 22 August 1986. (Project 765502 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$2,301,659.50

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$50,000.00 - Edison Partnership Program, Department of Development, Columbus, OH, and Ribbon Technology, Gahanna, OH, "Production and Evaluation of Rapidly Solidified Filler Materials for Joining Applications," Department of Welding Engineering, 1 June 1986 through 31 May 1987. (529706)

\$49,996.00 - Edison Partnership Program, Department of Development, Columbus, OH, and Rimrock Corporation, Columbus, OH, "Design and Control Enhancements for the Rimrock M-7 Material Handling Robot," Department of Mechanical Engineering, 1 July 1986 through 30 June 1987. (312881)

TOTAL - STATE SPONSORED RESEARCH \$ 99,996.00

Industrial and Other Sponsored Research and Development

\$318,240.00 - Chrysler Corporation, Detroit, MI, "Sheet Forming Analysis - a Practical Finite Element Program," Department of Metallurgical Engineering, 1 July 1986 through 30 June 1989. (312873)

\$238,415.00 - Chrysler Corporation, Detroit, MI, "Development of N.D.E. Techniques for the Determination of Adhesive Quality," Department of Welding Engineering, 1 June 1986 through 31 May 1989. (312879)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development (contd)

\$85,600.00 - Additional funding from Lockheed California Company, Burbank, CA, "Wind Tunnel Test of an Advanced Two-Element Airfoil," Department of Aeronautical and Astronautical Engineering, 1 October 1985 through 31 July 1986. (312859, Ext. 1)

\$38,748.00 - Additional funding from Universal Energy Systems, Inc., Dayton, OH, "Advanced Simulation Language and Multi-Computer Design for Improving the Performance of Modeling and Control of Metal Forming Processes," Department of Computer and Information Science, 15 November 1985 through 30 September 1987. (312869)

\$36,948.00 - from 33 sponsors of 40 development projects under the direction of three engineering departments or research areas.

\$30,000.00 - Wolverine Gasket Company, Inkster, MI, "Evaluation of Disc Brake Pads," Department of Mechanical Engineering, 23 June 1986 through 30 June 1987. (312878)

\$29,987.00 - Hammermill Paper Company, Erie, PA, "Roll Deck Simulation," Department of Industrial and Systems Engineering, 1 April 1986 through 31 August 1986. (529710)

\$25,000.00 - Additional funding from AT&T Bell Laboratories, Columbus, OH, "Radiation Heat Transfer in Modeling Glass/ Metal Electronic Sealing Components," Department of Mechanical Engineering, 17 December 1984 through 28 February 1987. (529669, Ext. 1)

\$24,972.00 - Martin Marietta Corporation, Denver, CO, "Design Study of a Wrist for the Advanced Manipulation System," Department of Mechanical Engineering, 19 May 1986 through 12 December 1986. (529709)

\$20,000.00 - GE/Aircraft Engine Business Group, Cincinnati, OH, "Design of a 1/12 Scale Model Ejector Powered Engine Simulator for the Unducted Fan Product Line Engine," Department of Aeronautical and Astronautical Engineering, 6 June 1986 through 30 September 1986. (312880)

\$19,803.00 - GE/Aircraft Engine Business Group, Cincinnati, OH, "A Fundamental Study of Weld HAZ Cracking in Cast Ni-Based Alloys," Department of Welding Engineering, 13 May 1986 through 31 March 1987. (529711)

\$19,536.00 - Kitchen Aid Division, Hobart Corporation, Troy, OH, "Mixer Stress Analysis," Department of Mechanical Engineering, 15 June 1986 through 14 December 1986. (312882)

\$14,500.00 - From various industries making up the membership of the Engineering Research Center on Net Shape Manufacturing, Columbus, OH, "Battelle Technical Assistance for the ERC," under the direction of Dr. Taylan Altan, 15 June 1986 through 30 June 1987. (529204)

\$10,000.00 - Dima Natural Resources Corporation, Dallas, TX, "Extraction of Precious Metals from Utah Black Shale," Department of Metallurgical

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development (contd)

Engineering, Division of Mining, 16 May 1986 through 30 September 1986.
(312877)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 911,749.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Admissions and Allocations Fund

The Admissions and Allocations Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from numerous donors.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support projects and programs as determined each year by the Admissions and Allocations Committee of The Ohio State University Development Fund.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees.

The Lawrence D. Stanley Professorship in Law

The Lawrence D. Stanley Professorship in Law was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mrs. Lawrence D. Stanley of Columbus, in memory of her husband, Lawrence D. Stanley (B.A. '27), a distinguished corporate lawyer, who practiced law in Columbus with the firm of Porter, Stanley, Platt and Arthur (and predecessor firms) until his retirement in 1977.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Annual income shall be used to provide support for the work of a distinguished scholar and teacher in the College of Law with appointment to the Lawrence D. Stanley Professorship as recommended by the Dean of the College of Law to the Provost of The Ohio State University and approved by the Board of Trustees.

The named professor will devote significant time to one or more of the areas in which Mr. Stanley practiced: the law of business associations (including corporations, partnerships, and other business enterprises),

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Lawrence D. Stanley Professorship in Law (contd)

business litigation, business or financial planning, securities regulation, the law of taxation as it impacts on corporations and other business enterprises, and other law relating to the activities of corporations and other business enterprises.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University then responsible for the College of Law.

Meat Science Endowment Fund

The Meat Science Endowment Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from various transfer funds within the Department of Animal Science.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support students, travel and research expenses related to Meat Science in the Department of Animal Science. All expenditures from the fund shall be approved by the Department Chairperson.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for instruction in agriculture.

Center for Epigraphical Studies

The Center for Epigraphical Studies was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from various transfer funds from the College of Humanities.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund the purchase of materials and equipment and to provide personnel services in connection with the

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Center for Epigraphical Studies (contd)

activities of the Center for Epigraphical Studies at the discretion of the Chairperson of the Department of Classics.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for meeting the educational goals of the College of Humanities.

Emerson and Miriam Wollam Scholarship Fund

The Emerson and Miriam Wollam Scholarship Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Robert Wollam, Kristin Goodwillie, Gretchen O'Connor, and Karen Sewell, in honor of their father, Emerson Wollam (B.S.S.A. '33) and in memory of their mother, Miriam Wollam (M.S.W. '64).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a scholarship(s) to graduate student(s) currently enrolled in the College of Social Work. The student(s) must maintain a grade point average of 2.5 and be in need of financial assistance. The selection of the scholarship recipient shall be made by the University Scholarship Committee and the Dean of the College of Social Work, in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Social Work.

Charles Wallschlaeger Scholarship Fund

The Charles Wallschlaeger Scholarship Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, faculty, staff, and members of the design community in recognition of Charles Wallschlaeger for twenty-five years' service as Professor and nineteen as Chairperson of the Department of Industrial Design.

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Charles Wallschlaeger Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be awarded to one or more outstanding undergraduate or graduate students majoring in Industrial Design. Recipients will be determined by the established procedures within the Department of Industrial Design, with final approval by the Chairperson of the Department and the Dean of the College of The Arts in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the academic programs in the Department of Industrial Design.

The George R. Haddad Piano Scholarship

The George R. Haddad Piano Scholarship was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of George R. Haddad, Professor of the School of Music.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be awarded to one or more outstanding undergraduate or graduate students in music with piano as their major instrument.

Recipients will be selected by the established procedures within the School of Music, with final approval by the Director of the School of Music and the Dean of the College of The Arts in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for academic programs in the School of Music.

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Guy and Jeannette Miller Scholarship Fund

The Guy and Jeannette Miller Scholarship Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mrs. M. R. Lepper, the daughter of Guy (B.S.Agr. '19) and Jeannette (B.S.H.E. '19) Miller.

Professor Miller, who began his career as a County Extension Agent in Trumbull County, and then became a Cooperative Extension Service Farm Management Specialist in the Department of Agricultural Economics and Rural Sociology, spent the final years of his career as an Agricultural Advisor to the government of Pakistan. Throughout his career, Guy Miller was greatly admired and respected by his co-workers, clientele, and his many friends. His wife, Jeannette, was equally admired and respected as a home economist, homemaker, and devoted wife and mother.

In accordance with the wishes of the Miller family, as well as with their financial support, and that of the faculty, staff, students, and alumni of the Department of Agricultural Economics and Rural Sociology in the College of Agriculture, plus the many friends of Guy and Jeannette Miller from throughout Ohio and neighboring states, a Memorial Scholarship Fund is hereby established.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Annual income from the endowment is to be used to provide scholarship assistance to Ohio high school graduates who have an outstanding record in their academic work, as well as in their 4-H Club accomplishments. These scholarships may vary in value according to the interest income generated from the endowment. To the extent possible, each scholarship shall be awarded for at least \$500, and these scholarships shall be awarded to entering freshmen who meet the aforementioned qualifications, and who will be enrolled in either the College of Agriculture or the College of Home Economics. The scholarships shall go to students entering the College of Agriculture or the College of Home Economics (alternately in succeeding years).

Criteria for the selection of recipients of "The Guy and Jeannette Miller Scholarship" shall include those qualities of scholarship, leadership, integrity, and excellence in 4-H Club projects and activities which were fostered by Guy and Jeannette Miller throughout their lifetimes. Administration of these scholarships shall be under the Vice President, Agricultural Administration, with the selection of scholarship recipients to be the joint responsibility of appropriate officers in the College of Agriculture and College of Home Economics and the State 4-H Office in cooperation with the University Committee on Student Financial Aid, with chairpersonship of the selection committee to reside in the College of Agriculture.

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Guy and Jeannette Miller Scholarship Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for 4-H Club programs.

Paul D. Morrill Memorial Lecture Fund

The Paul D. Morrill Memorial Lecture Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Alice B. Morrill, Columbus, Ohio, and friends in memory of Paul D. Morrill, retired University Architect.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to underwrite the costs of lectures with the focus directed toward the design of kitchen facilities. Appropriate promotional efforts will be given to each presentation. Expenditure of funds shall be at the recommendation of the Chairperson of the Department of Architecture and approved by the Director of the School of Architecture.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the School of Architecture.

The Social Psychology Advancement Fund

The Social Psychology Advancement Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. Anthony Greenwald, Professor of Social Psychology.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used if possible on a matching basis with funds from other University sources to support colloquia arranged by the social psychology area. The fund will be supervised by an oversight committee in conjunction with the Chairperson of the Department of

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Social Psychology Advancement Fund (contd)

Psychology and the Office of the Dean of the College of Social and Behavioral Sciences. This committee will consist of the faculty of the social psychology area, chaired by the area head.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Department of Psychology.

Change of Name and Description of Named Fund

Department of Family Resource Management Endowment Fund

The Department of Home Management and Housing Endowment Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, faculty and friends of the Department of Family Resource Management of the College of Home Economics. The name and description were changed September 5, 1986.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to further programs in the Department of Family Resource Management with preference given to graduate and research programs, in that order. Expenditure of annual income will be determined by the chairperson and two faculty members of the Department of Family Resource Management. Annual income from the endowment shall be accumulated and added to the principal until the endowment reaches a total of \$10,000. Subsequent earnings shall be distributed on the basis of eighty percent (80%) of the earnings awarded, as directed in the first sentence of this paragraph, and twenty percent (20%) of earnings returned to the principal of the endowment.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for consumer/family economics, equipment and family resource management education.

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - July 1986

Federal Research Contracts/Grants

\$260,000.00 - National Science Foundation, Washington, DC, The Ohio State University Materials Research Laboratory, Materials Research Laboratory (J. C. Garland), 1 July 1986 through 30 June 1987. (Project 764920 - Continuation)

\$161,683.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Synthetic Elaboration of Polyquinane Natural Products, Department of Chemistry (L. A. Paquette), 1 July 1986 through 30 June 1987. (Project 762298 - Continuation)

\$135,862.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Stereochemistry of Enzyme Reactions to Phosphorus, Department of Chemistry (M. D. Tsai), 1 July 1986 through 30 June 1987. (Project 762722 - Continuation)

\$121,191.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Immunosuppressive Properties of Retrovirus Protein, Department of Veterinary Pathobiology (R. G. Olsen and L. E. Mathes), 1 July 1986 through 30 June 1987. (Project 762986 - Continuation)

\$118,480.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Molecular Genetics of Epstein-Barr Virus, Department of Medical Microbiology and Immunology (M. R. Glaser), 1 July 1986 through 30 June 1987. (Project 764251 - Continuation)

\$117,849.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Intramolecular Electron Migration in Proteins and Polypeptides, Department of Chemistry (M. H. Klapper), 1 July 1986 through 30 June 1987. (Project 765529 - New)

\$114,562.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biogenesis of Mitochondria in Neurospora, Department of Genetics and Department of Biochemistry (A. M. Lambowitz), 1 November 1986 through 31 August 1987. (Project 765538 - New)

\$111,394.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Imidazoline Analogs as Probes of A-Adrenoceptors, College of Pharmacy (D. D. Miller, P. N. Patil and D. R. Feller), 1 August 1986 through 31 July 1987. (Project 763483 - Continuation)

\$96,364.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Gastric Function - Central Control, Department of Physiology (R. C. Rogers), 1 July 1986 through 30 June 1987. (Project 765541 - New)

\$88,355.00 - Department of Education, Office of Educational Research and

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Improvements, Washington, DC, Medieval Slavic Manuscripts in Microform: A Proposal for Preservation and Bibliographic Access, University Libraries (J. B. Fatzer), 1 October 1986 through 30 September 1987. (Project 765545 - New)

\$85,887.00 - Department of Education, Office of Special Education, Washington, DC, Investigation of a Study Technique to Increase Learning Disabled Students' Reading Comprehension of Expository Text, Department of Human Services Education (J. O. Cooper and S. McCormick), 1 October 1986 through 30 September 1987. (Project 765043 - Continuation)

\$84,731.00 - Department of Health and Human Services, Public Health Service, Bureau of Health Professions, Bethesda, MD, Professional Nurse Traineeship Program, Department of Family and Community (M. G. MacVicar), 1 July 1986 through 30 September 1987. (Project 760803 - Continuation)

\$83,700.00 - National Science Foundation, Washington, DC, Relaxation and Magnetic Ordering in Highly Polarized Spin Systems, Department of Physics (J. R. Gaines), 1 August 1986 through 31 July 1987. (Project 764313 - Continuation)

\$70,095.00 - National Science Foundation, Washington, DC, Workshop on the Study of the Design Process, Oakland, CA - February 9-10, 1987, Department of Engineering Graphics (M. B. Waldron), 1 August 1986 through 31 July 1987. (Project 765527 - Continuation)

\$69,727.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Corneal Endothelial Pleomorphism from Contact Lenses, College of Optometry (J. P. Schoessler), 1 August 1986 through 31 July 1987. (Project 764852 - Continuation)

\$64,248.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, The Chemistry of Biologically Relevant Quinone Imines, Department of Chemistry (J. S. Swenton), 1 August 1986 through 31 July 1987. (Project 765570 - New)

\$64,000.00 - National Science Foundation, Washington, DC, Photon- and Electron-Molecule Collisions and Molecular Resonance Phenomena, Department of Chemistry (C. W. McCurdy), 1 August 1986 through 31 July 1987. (Project 765573 - Continuation)

\$60,000.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Research in Nonparametric Incomplete Rankings Procedures, Small Sample Asymptotics, and Statistical Decision Theory, Department of Statistics (D. A. Wolfe, M. A. Fligner and L. M. Berliner), 8 June 1986 through 30 September 1987. (Project 764240 - Continuation)

\$60,000.00 - National Science Foundation, Washington, DC, Low Temperature Electronic Properties of Conducting Solids, Department of Physics (J. C. Garland), 15 July 1986 through 31 December 1986. (Project 765553 - Continuation)

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$59,078.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Neural Regulation of Intestinal Mucosa, Department of Physiology (H. J. Cooke), 1 July 1986 through 30 June 1987. (Project 765011 - Continuation)

\$58,000.00 - National Science Foundation, Washington, DC, Statistical Studies of the Genetic Effects Caused by Population Bottlenecks, Department of Genetics (P. A. Fuerst), 1 November 1986 through 31 October 1987. (Project 764659 - Continuation)

\$49,380.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Isokinetic Analysis of Inspiratory Muscle Function, Department of Internal Medicine (T. L. Clanton), 1 July 1986 through 30 June 1987. (Project 764819 - Continuation)

\$49,335.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Maternal Growth Factors in Neonatal Growth, Department of Animal Science - OARDC (F. A. Simmen), 1 July 1986 through 30 June 1987. (Project 765566 - New)

\$49,335.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Uteroferrin Gene Expression during Fetal and Placental Development, Department of Animal Science - OARDC (R. C. M. Simmen), 1 July 1986 through 30 June 1987. (Project 765565 - New)

\$34,900.00 - National Science Foundation, Washington, DC, Topics in the Foundations of Mathematics, Department of Mathematics (H. M. Friedman), 15 July 1986 through 30 June 1987. (Project 765466 - New)

\$34,152.00 - National Science Foundation, Washington, DC, Multiuser Grant for a Cryo-Ultramicrotome, Department of Anatomy (R. W. Burry, M. Beattie, G. Bishop, R. Ho and J. S. King), 15 July 1986 through 30 June 1987. (Project 765556 - New)

\$32,600.00 - National Science Foundation, Washington, DC, Research in Algebraic and Differential Topology, Department of Mathematics (R. M. Charney and M. W. Davis), 15 July 1986 through 30 June 1987. (Project 765576 - New)

\$28,140.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Animal Model for Otitis Media with Effusion, Department of Otolaryngology (D. J. Lim), 1 August 1986 through 31 July 1987. (Project 765558 - New)

\$27,300.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Internal Medicine (W. B. Malarkey), 1 July 1986 through 30 November 1986. (Project 761196 - Continuation)

\$25,000.00 - Department of Energy, Argonne, IL, High Energy Physics -

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Experimental Program (Task J) Topological Aspects of Quantum Field Theory, and of Finite Temperature Quantum Field Theory, Department of Physics (A. J. Niemi), 1 July 1986 through 31 December 1986. (Project 762116 - Continuation)

\$23,000.00 - National Science Foundation, Washington, DC, Algebraic K-Theory, Cyclic Homology and Pseudo-Isotopy Theory, Department of Mathematics (C. Ogle), 15 July 1986 through 30 June 1987. (Project 765557 - New)

\$16,800.00 - National Aeronautics and Space Administration, Washington, DC, The Potential Role of Calmodulin the Gravitropic Response, Department of Botany (M. L. Evans and C. L. Stinemetz), 1 June 1986 through 31 May 1987. (Project 764741 - Continuation)

\$11,242.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology (E. Bozler), 1 September 1986 through 31 August 1987. (Project 760924 - Continuation)

\$10,000.00 - Department of the Army, Army Armament, Munitions and Chemical Command, Dover, NJ, Synthesis of Polynitro Cage Molecules, Department of Chemistry (L. A. Paquette), 7 May 1986 through 30 January 1987. (Project 765379 - Continuation)

\$10,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, MD, Emission-Line Region Variability: Implications of Photoionization Models, Department of Astronomy (B. M. Peterson and G. J. Ferland), 1 August 1986 through 31 July 1987. (Project 765542 - New)

\$7,984.00 - National Science Foundation, Washington, DC, Models of the Size and Location of Interacting Facilities, Department of Geography (M. E. O'Kelly), 1 August 1986 through 28 February 1987. (Project 764011 - Continuation)

\$5,683.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Oral Tolerance in Allergic Encephalomyelitis, Department of Medical Microbiology and Immunology (C. C. Whitacre), 1 April 1986 through 31 March 1987. (Project 765266 - Continuation)

\$4,200.00 - National Science Foundation, Washington, DC, Vector Valued Martingale Transforms and Optimal Sets in Banach Spaces, Department of Mathematics (W. J. Davis), 15 July 1986 through 30 June 1987. (Project 765552 - Continuation)

Equipment - Department of Energy, Albuquerque, NM, U.S. Department of Energy Surplus Equipment (Energy-Related Laboratory Equipment), Engineering Experiment Station (J. W. Talmagi), 1 August 1986 through 31 July 1987. (Project 765567 - New) (Approximate Dollar Value - \$21,404)

TOTAL - FEDERAL AWARDS

\$2,504,257.00

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants

\$75,000.00 - State of Ohio, Department of Education, Columbus, Ohio, State Superintendent's Task Force, Department of Human Services Education (T. Stephens), 1 July 1986 through 30 June 1987. (Project 765537 - Continuation)

\$48,700.00 - State of Ohio, Department of Development, Columbus, OH, Water Soluble Bis (Bioreductive) Alkylators, College of Pharmacy (D. T. Witiak), 1 June 1986 through 31 May 1987. (Project 765535 - New)

\$43,924.00 - State of Ohio, Department of Health, Columbus, OH, Comprehensive Adult Hemophilia Clinic, Department of Internal Medicine (S. P. Balcerzak), 1 July 1986 through 30 June 1987. (Project 762760 - Continuation)

\$39,456.00 - State of Ohio, Department of Education, Columbus, OH, Ohio's Martin W. Essex School for the Gifted - 1986, Department of Human Services Education (R. H. Swassing), 1 April 1986 through 31 March 1987. (Project 765373 - Continuation)

\$23,453.00 - State of Ohio, Department of Natural Resources, Columbus, OH, Program to Convene a Statewide Rural Litter Law Enforcement Task Force, Department of Agricultural Economics and Rural Sociology (J. F. Donnermeyer), 20 June 1986 through 31 December 1986. (Project 765561 - New)

TOTAL - STATE OF OHIO AWARDS \$ 230,533.00

Industrial Research Contracts/Grants

\$470,000.00 - Norwich Eaton Pharmaceuticals, Inc., Norwich, NY, A Double-Blind, Placebo-Controlled, Multicenter Trial to Determine the Effects of the Sequential Dosing of Phosphate Didronel and Calcium in Postmenopausal Osteoporotic Women, Department of Internal Medicine (R. D. Jackson), 16 June 1986 through 31 January 1990. (Project 765531 - New)

\$70,856.00 - Rorer (William) Inc., Fort Washington, PA, A Double-Blind Placebo-Controlled Study of Etofenamate Gel in the Treatment of Soft Tissue Trauma Associated with Sports Injury, Department of Surgery (W. A. Zuelzer), 1 May 1986 through 31 October 1986. (Project 765569 - New)

\$70,376.00 - Pfizer, Inc., Groton, CT, Phase I Double-Blind, Placebo-Controlled Single Dose Study to Establish Tolerant Pharmacokinetics and Bioavailability of CP-73,341, Department of Pharmacology (N. Gerber), 1 May 1986 through 30 June 1987. (Project 764001 - Continuation)

\$61,664.00 - Pfizer, Inc., Groton, CT, Phase I Multiple-Dose Safety and Pharmacokinetic Study of CP-62,993 (Study of #007-501), Department of Pharmacology (N. Gerber), 1 May 1986 through 30 April 1987. (Project 764001 - Continuation)

\$33,605.00 - The Procter & Gamble Company, Cincinnati, OH, Clinical Methods Study for Gingivitis Examination, Oral Biology (W. A. Zacherl), 1 July 1986 through 31 December 1986. (Project 760029 - Continuation)

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$28,643.00 - Amarillo Cell Culture, Amarillo, TX, The Effects of Administration of Oral Bovine Alpha Interferon upon Canine Distemper Virus Infection in Gnotobiotic Dogs, Department of Veterinary Pathobiology (G. S. Krakowka), 1 July 1986 through 30 June 1987. (Project 765547 - New)

\$20,000.00 - Miles Pharmaceuticals, West Haven, CT, Prospective, Controlled, Randomized Nonblind Comparison of Ciprofloxacin (IV/PO) with Cefazidime (IV) in the Treatment of Selected Infections (Multicenter), Department of Internal Medicine (R. J. Fass), 1 July 1986 through 30 June 1987. (Project 765530 - New)

\$17,274.00 - Merrell Dow Pharmaceuticals, Inc., Cincinnati, OH, Effect of Cepacol on Selected Oral Microorganisms, Oral Biology (S. Rosen), 1 July 1986 through 31 December 1986. (Project 765546 - New)

\$8,000.00 - Miles Pharmaceuticals, West Haven, CT, Prospective, Uncontrolled Study of the Efficacy and Safety of Intravenous Ciprofloxacin in the Treatment of Selected Infections, Department of Internal Medicine (R. F. Fass), 1 July 1986 through 30 June 1987. (Project 765532 - New)

\$6,317.00 - Norwich Pharmaceuticals, Inc., Norwich, NY, Development and Evaluation of a Genetically-Engineered Immunotoxin, Department of Veterinary Pathobiology (G. S. Krakowka), 23 June 1986 through 31 May 1987. (Project 765549 - New)

\$523.47 - Boeing Company, Seattle, WA, Compact Range Performance Analysis, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 1 June 1986 through 31 December 1986. (Project 765397 - Continuation)

Equipment - International Business Machine, Milford, CT, Modification of Computer Programs to Operate on the IBM RT Personal Computer under the Advanced Interactive Executive Operating System, College of Pharmacy (C. L. Olson), 7 July 1986 through 6 January 1987. (Project 765562 - New) (Approximate Dollar Value - \$20,000)

TOTAL - INDUSTRIAL AWARDS

\$ 787,258.47

Other Non-Federal Research Contracts/Grants

\$133,986.00 - American Cancer Society, New York, NY, Patterns of Macromolecular Synthesis during Acquisition and Loss of Amplified Genes, Department of Radiology (R. M. Snapka), 1 July 1986 through 30 June 1988. (Project 765521 - New)

\$90,000.00 - The Rockefeller Foundation, New York, NY, International Network on Antibiotic Use, Department of Internal Medicine (C. M. Kunin), 1 July 1986 through 30 June 1987. (Project 765560 - New)

\$61,005.00 - University of Maine, Orono, ME, Producing Orthophoto Maps for Studying Ice Dynamics on Jacobshavn Glacier, Institute of Polar

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Studies (D. H. Elliot and H. H. Brecher), 1 May 1986 through 30 April 1987. (Project 764717 - Continuation)

\$59,168.00 - March of Dimes Birth Defects Foundation, White Plains, NY, Multicenter Preterm Birth Prevention Trial, Department of Obstetrics and Gynecology (J. D. Iams), 1 July 1986 through 31 March 1987. (Project 763334 - Continuation)

\$50,000.00 - American Cancer Society, New York, NY, American Cancer Society Institutional Research Grant, Cancer Research Center (D. S. Yohn), 1 July 1986 through 30 June 1987. (Project 764472 - Continuation)

\$49,828.00 - Harvard University, Cambridge, MA, What Factors Influence How Long Math and Science Teachers Stay in Teaching?, Department of Economics (R. J. Olsen), 15 March 1986 through 31 July 1987. (Project 765544 - New)

\$33,000.00 - American Heart Association, Dallas, TX, Kinetic Studies of Xanthine Oxidase, Department of Physiological Chemistry (C. R. Hille), 1 July 1986 through 30 June 1987. (Project 765543 - New)

\$32,000.00 - March of Dimes Birth Defects Foundation, White Plains, NY, Molecular Studies of Type II DNA Topoisomerase from Avian Embryos and Tumor Cells: Gyration of Active Genes, Department of Microbiology (M. T. Muller), 1 July 1986 through 30 June 1987. (Project 765564 - Continuation)

\$31,358.00 - The University of Utah, Salt Lake City, Utah, Immunosuppressive Therapy for Biopsy-Proven Myocarditis, Department of Internal Medicine (D. V. Unverferth), 1 July 1986 through 30 June 1987. (Project 765563 - New)

\$25,000.00 - American Lung Association, New York, NY, Edward Livingston Trudeau Scholar Award, Department of Internal Medicine (P. M. Dorinsky), 1 July 1986 through 30 June 1987. (Project 764722 - Continuation)

\$21,957.00 - Centro de Investigaciones Sociologicas, Madrid, Spain, Models of Electoral Behavior of Spain, Department of Political Science (R. B. Ripley and G. A. Sani), 1 October 1986 through 31 December 1986. (Project 765555 - New)

\$19,150.00 - Southeastern Center for Electrical Engineering Education (SCEEE), St. Cloud, FL, Design and Construction of a Multiple Ion Ejection Module, Department of Chemistry and Department of Biochemistry (A. G. Marshall), 20 May 1986 through 30 September 1986. (Project 765539 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Exercise Intervention of Microvascular Disease in Diabetes (Fellowship), Department of Veterinary Physiology and Pharmacology (R. L. Hamlin) and School of Health, Physical Education and Recreation (J. Lash), 1 July 1986 through 30 June 1987. (Project 765528 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$18,000.00 - American Lung Association, New York, NY, Research Training Fellowship Application Renewal, Department of Internal Medicine (J. E. Gadek and J. L. Costello), 1 July 1986 through 30 June 1987. (Project 764742 - Continuation)

\$16,900.00 - Arthritis Foundation, Columbus, OH, Immunoregulation and Autoimmunity, Department of Internal Medicine (R. L. Whisler), 1 April 1986 through 31 March 1987. (Project 760620 - Continuation)

\$14,803.00 - Berks County Intermediate Unit, Reading, PA, Implementing Coordinated and Articulated Programming in Berks County Training Institutions, The National Center for Research in Vocational Education (C. K. Hansen), 1 July 1986 through 30 June 1987. (Project 765390 - Continuation)

\$10,252.00 - American Federation for Aging Research, New York, NY, Intestinal Physiology and Endocrine Function with and without the Effect of Somatostatin during Post-Prandial Hypertension in the Elderly, Department of Internal Medicine (R. L. Donnerberg and S. E. Washington), 1 July 1986 through 30 June 1987. (Project 765577 - New)

\$9,322.00 - National Road Foundation, Washington, DC, Design and Development Training Programs - Burma, The National Center for Research in Vocational Education (C. K. Hansen), 15 July 1986 through 30 November 1986. (Project 765540 - New)

\$7,688.00 - American Cancer Society, Ohio Division, Inc., Cleveland, OH, Development and Evaluation of a Genetically-Engineered Immunotoxin, Department of Microbiology (D. R. Galloway and C. J. Daniels), 1 July 1986 through 30 June 1987. (Project 765548 - New)

\$6,600.00 - University of Chicago, Chicago, IL, Functions and Statistics with Computers, Department of Mathematics (J. E. Schultz), 1 April 1986 through 30 June 1986. (Project 765579 - New)

\$4,595.00 - American Fishing Tackle Manufacturers Association, Arlington Heights, IL, Direct Effects of Turbidity on Largemouth Bass and Walleye Growth Rates and Use of Available Forage, Department of Zoology (R. A. Stein), 1 September 1986 through 31 August 1987. (Project 765575 - New)

\$2,000.00 - Alaska State Department of Education, Juneau, AK, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (C. K. Hansen), 1 July 1986 through 30 June 1987. (Project 765533 - Continuation)

\$2,000.00 - North Carolina Department of Public Instruction, Raleigh, NC, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 15 January 1986 through 30 June 1986. (Project 764945 - Continuation)

\$1,600.00 - National Institute for Dispute Resolution, Washington, DC, Interest Group in Negotiation and Conflict Management, College of

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Business - Administration (R. J. Lewicki), 1 February 1986 through 31 August 1986. (Project 765574 - New)

\$435.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, TX, Mesothelioma Pathology Review Chairman's Support, Department of Pathology (J. G. Lucas and S. E. Tuttle), 1 January 1986 through 31 December 1986. (Project 764837 - Continuation)

\$126.00 - Cancer Therapy and Research Foundation, San Antonio, TX, Multi-disciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Internal Medicine (S. P. Balcerzak), 1 February 1985 through 30 June 1987. (Project 765208 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 718,773.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$93,690.00 - Applied Information Technology Research Center, Columbus, OH, "An Environment for Supporting Translations among Different Representations of Similar Data Objects," Department of Computer and Information Science, 1 June 1986 through 31 May 1987. (529712)

\$60,274.00 - Edison Welding Institute, Columbus, OH, "Weld Discontinuity and Bond Strength Evaluation," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529255)

\$59,781.00 - Edison Welding Institute, Columbus, OH, "NDE of Weld Processes with Remote Sensor Development," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529256)

\$47,747.00 - Edison Welding Institute, Columbus, OH, "Fluid Flow and Heat Transfer in Weld Pools," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529262)

\$46,177.00 - Additional funding from General Electric, Lamp Materials Research Lab, Cleveland, OH, "Phosphor Research," Department of Ceramic Engineering, 1 July 1984 through 30 June 1987. (529672, Ext. 2)

\$45,000.00 - Edison Welding Institute, Columbus, OH, "Development of Laboratory Feedback Control for Resistance Welding," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529264)

\$44,657.00 - from 25 sponsors of 34 development projects under the direction of four engineering departments or research areas.

\$40,558.00 - Edison Welding Institute, Columbus, OH, "Advanced Coaxial Vision Systems," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529271)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development (contd)

\$40,000.00 - Edison Welding Institute, Columbus, OH, "Stress Intensity Factor in Tubular Welds," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529259)

\$39,008.00 - Edison Welding Institute, Columbus, OH, "Coaxial Vision Sensor Development," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529270)

\$38,000.00 - Edison Welding Institute, Columbus, OH, "Welding Thermoplastics," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529265)

\$33,510.00 - Edison Welding Institute, Columbus, OH, "Fatigue in Laser Weldments," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529260)

\$33,163.00 - Edison Welding Institute, Columbus, OH, "Off-line Vision Programming," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529269)

\$32,875.00 - Edison Welding Institute, Columbus, OH, "Model of Thermal Processes for Robotic Control," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529261)

\$32,181.00 - Edison Welding Institute, Columbus, OH, "Real Time Radiographic Monitoring of Welding Processes," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529254)

\$32,037.00 - Edison Welding Institute, Columbus, OH, "Real Time Ultrasonic Interrogation of Resistance Welds," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529258)

\$31,833.00 - Edison Welding Institute, Columbus, OH, "Arc Sensing of Pool Oscillation for Penetration Control," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529272)

\$31,134.00 - Edison Welding Institute, Columbus, OH, "High Speed Laser Weld Discontinuities," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529266)

\$30,008.00 - Edison Welding Institute, Columbus, OH, "Evaluation of Weldability Testing Techniques," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529252)

\$30,000.00 - Edison Welding Institute, Columbus, OH, "Mechanisms of Adhesion in Ceramic Joints," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529253)

\$25,000.00 - Edison Welding Institute, Columbus, OH, "Hydrogen Cracking and Related Effects in Low Carbon Structural Steel," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529251)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development (contd)

\$24,821.00 - Edison Welding Institute, Columbus, OH, "Investigation of Submerged GTAW Process," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529267)

\$13,100.00 - Edison Welding Institute, Columbus, OH, "Resistance Welding of Aluminum Alloys," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529263)

\$12,970.00 - Edison Welding Institute, Columbus, OH, "Ultrasonic Measurement of Mechanical Properties of Welds," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529257)

\$6,000.00 - Additional funding from Battelle Columbus Laboratories, Columbus, OH, "Analysis of Miniature Charpy Specimen Data," Department of Mechanical Engineering, Nuclear Engineering Program, 1 October 1985 through 30 September 1986. (529691, Ext. 2 & 3)

\$2,000.00 - Edison Welding Institute, Columbus, OH, "Assessment of the Present Capacity of the Vision Systems," Department of Welding Engineering, 1 July 1986 through 30 June 1987. (529268)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 925,524.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Humanities Fund

The Humanities Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Barbara Brandt of Columbus, Ohio, and various transfer funds.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The Humanities Fund of The Ohio State University's College of Humanities will provide the support necessary for the achievement of excellence in research and curricula development by its faculty and students through the supplementation of the limited resources presently available for those purposes.

The annual income shall be used (1) to support archival, library and field research; (2) to sponsor scholarly conferences and research colloquia on The Ohio State University campus; and (3) to provide for programs necessary to foster curricular development.

The Fund will be organized into discrete segments named for the donors who provide for each segment, and will be administered by a special

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Humanities Fund (contd)

committee of the College of Humanities chaired by the Associate Dean of the College.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Humanities.

The Michael Pupin Memorial Fund

The Michael Pupin Memorial Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Serb National Federation of Pittsburgh, Pennsylvania.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The Michael Pupin Memorial Fund was established in memory of Michael Pupin, Serbian scientist, scholar and diplomat, buried on American soil, whose inventions in the area of telecommunications provided a solid basis for this branch of science with gifts to The Ohio State University Development Fund from: 1) Lodges and members of the Serb National Federation; 2) Serbian Orthodox Churches and their parishioners; and 3) Serbian Orthodox individuals throughout the USA and Canada and transmitted through the Serb National Federation for the benefit of the Resource Center for Medieval Slavic Studies (Hilandar Research Project).

The annual income shall be used to provide stipends to qualified scholars and doctoral candidates in the field of Medieval Slavic Studies, working on the study of material in the Hilandar Research Library, relating to Serbian Orthodox religion and culture.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for Slavic and/or Serbian studies.

The Robert E. Taylor Graduate Fellowship Fund

The Robert E. Taylor Graduate Fellowship Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in honor of Robert E.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Robert E. Taylor Graduate Fellowship Fund (contd)

Taylor, founder and director of the National Center for Research in Vocational Education for twenty years.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support a doctoral level graduate student in comprehensive vocational education preparing for initial or advanced leadership responsibility in a state department (division) of vocational education. One student is to be selected every two years to allow the individual the time required to complete the degree. Selection of the recipient is to be made by the National Center for Research in Vocational Education, The Ohio State University. Income produced in excess of the amount required for annual support of the doctoral level graduate student, will be used for appropriate national leadership initiatives as determined by the National Center for Research in Vocational Education.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the National Center for Research in Vocational Education.

In the unlikely event that the National Center for Research in Vocational Education should cease to exist as a unit of the University then the administration and selection authority under the stated purposes for the Fund should be assigned to the Department of Agricultural Education.

The Nikola Tesla Memorial Fund

The Nikola Tesla Memorial Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Serb National Federation of Pittsburgh, Pennsylvania.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The Nikola Tesla Memorial Fund was established in the memory of Nikola Tesla, Serbian scientist, son of a Serbian Orthodox priest, inventor whose contributions to the development of modern technology and civilization are of immense value to the entire world, buried on American soil, with gifts to The Ohio State University Development Fund from: 1) Lodges and members of the Serb National Federation; 2) Serbian Orthodox

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Nikola Tesla Memorial Fund (contd)

Churches and their parishioners; and 3) Serbian orthodox individuals throughout the USA and Canada and transmitted through the Serb National Federation for the benefit of the Resource Center for Medieval Slavic Studies (Hilandar Research Project).

The annual income shall be used to provide stipends to qualified scholars and doctoral candidates in the field of Medieval Slavic Studies, working on the study of material in the Hilandar Research Library, relating to Serbian Orthodox religion and culture.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for Slavic and/or Serbian studies.

Marian K. Thomas Horticulture Fund

The Marian K. Thomas Horticulture Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mrs. Marian K. Thomas of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships to one or more undergraduate students in the area of landscape architecture. Selections shall be made by the faculty of the Horticulture Department in consultation with the Assistant Dean for Student Affairs in the College of Agriculture and the University Committee on Student Financial Aid. Insofar as practical, the donor shall be involved in the selection of the recipient. Criteria for the scholarship shall emphasize financial need, academic achievement and the student's personal motivation.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for horticultural instruction.

The Bishop Mardarije Uskokovich Memorial Fund

The Bishop Mardarije Uskokovich Memorial Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Bishop Mardarije Uskokovich Memorial Fund (contd)

to The Ohio State University Development Fund from the Serb National Federation of Pittsburgh, Pennsylvania.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The Bishop Mardarije Uskokovich Memorial Fund was established in memory of the first Bishop of the Serbian Orthodox Diocese of the United States and Canada, founder of St. Sava Serbian Orthodox Monastery in Libertyville, Illinois, buried in Libertyville, Illinois, with gifts to The Ohio State University Development Fund from: 1) Lodges and members of the Serb National Federation; 2) Serbian Orthodox Churches and their parishioners; and 3) Serbian Orthodox individuals throughout the USA and Canada, and transmitted through the Serb National Federation for the benefit of the Resource Center for Medieval Slavic Studies (Hilandar Research Project).

The annual income shall be used to provide stipends to qualified scholars and doctoral candidates in the field of Medieval Slavic Studies, working on the study of material in the Hilandar Research Library, relating to Serbian Orthodox religion and culture.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for Slavic and/or Serbian studies.

Bishop Nikolai Velimirovich Memorial Fund

The Bishop Nikolai Velimirovich Memorial Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Serb National Federation of Pittsburgh, Pennsylvania.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The Bishop Nikolai Velimirovich Memorial Fund has been established in memory of the most eminent Serbian Bishop and national leader, buried in Libertyville, Illinois, with gifts to The Ohio State University Development Fund from: 1) Lodges and members of the Serb National Federation; 2) Serbian Orthodox Churches and their parishioners; and 3) Serbian Orthodox individuals throughout the USA and Canada, and

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Bishop Nikolai Velimirovich Memorial Fund (contd)

transmitted through the Serb National Federation for the benefit of the Resource Center for Medieval Slavic Studies (Hilandar Research Project).

The annual income shall be used to provide stipends to qualified scholars and doctoral candidates in the field of Medieval Slavic Studies, working on the study of Material in the Hilandar Research Library, relating to Serbian Orthodox religion and culture.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for Slavic and/or Serbian studies.

The Walter William Cooke Memorial Fund

The Walter William Cooke Memorial Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mrs. Dorothy G. Cooke, in memory of her late husband, Walter W. Cooke.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Raptor Rehabilitation Program in the College of Veterinary Medicine. Should this program be discontinued for any reason, the fund will continue in support of veterinary medical education, preferably for birds.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for veterinary medicine education.

The Taber-Thompson Fellowship

The Taber-Thompson Fellowship was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Taber family.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Taber-Thompson Fellowship (contd)

The annual income shall be used to provide graduate fellowships for doctoral students in the College of Home Economics. Preference will be given to a student with interest in human nutrition. The fellowship will be awarded by the Dean of the College of Home Economics upon the recommendation of the College Financial Aid and Scholarship Committee in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Home Economics.

Stella J. Becker Scholarship Fund

The Stella J. Becker Scholarship Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and former students in recognition of Stella J. Becker for distinguished instruction in dance and service to the Central Ohio community.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be awarded to one or more outstanding undergraduate or graduate students who major in the Department of Dance. Recipients will be determined by the established procedures within the Department of Dance, with final approval by the Chairperson of the Department and the Dean of the College of The Arts in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the academic programs in the Department of Dance.

The Agricultural Leaders Fund

The Agricultural Leaders Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Fayette F. Simonds, Lois Simonds Hungate, Florence Simonds Benson, and other family and friends of Sterling W. Simonds, Certificate of Horticulture, '18.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Agricultural Leaders Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund special projects or programs which will enhance the learning experience for students in the College of Agriculture. Priorities will be given to those projects which benefit the greatest number of students per dollar spent and which are unique and creative in their nature. Procedures for funding projects and projects under this fund shall be established by the Dean of the College of Agriculture and shall involve representatives of the faculty, alumni and students in the College.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for undergraduate student activities in the College of Agriculture.

Max V. and Carolyn Martin Puderbaugh Bonsai Scholarship Fund

The Max V. and Carolyn Martin Puderbaugh Bonsai Scholarship Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Max V. Puderbaugh (former student who attended from 1944-48) and Carolyn Martin Puderbaugh (B.S.Ed. '49) of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships with preference for, but not limited to students in the College of Agriculture enrolled in the Department of Horticulture. Criteria for the scholarships shall include academic achievement and an interest in, and the willingness to learn more about, the art and culture of Bonsai through extracurricular courses or activities per guidelines on file in the College of Agriculture. Preference will be given to sophomores or juniors. Scholarship recipients will be selected by a committee consisting of the Assistant Dean for Student Affairs in the College of Agriculture and appropriate faculty from the Department of Horticulture, the donors so long as they are living and any others necessary as determined by those aforementioned in cooperation with the University Committee on Student Financial Aid.

Should this scholarship go unawarded for three consecutive years, this fund shall be known as the Max V. and Carolyn Martin Puderbaugh

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Max V. and Carolyn Martin Puderbaugh Bonsai Scholarship Fund (contd)

Scholarship Fund. The income from this fund shall then be used as a general University scholarship fund, under the administration of the Office of Student Financial Aid. Preference shall then be given to students enrolled either in Engineering or Education, the areas of study pursued by the donors. The Director of Student Financial Aid shall determine the selection criteria and procedures in consultation with the donors so long as they are living.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for Student Financial Aid.

The Richard Delaney Athletic Scholarship Fund

The Richard Delaney Athletic Scholarship Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends in honor and memory of Richard Delaney (OSU Assistant Athletic Director, 1970-1985).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship assistance to undergraduate students in good standing who are participating in a varsity sports program. Selection of the recipient(s) is to be made by the Director of Athletics in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the athletic program at The Ohio State University.

Fulton County 4-H Endowment Fund

The Fulton County 4-H Endowment Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Fulton County 4-H committee and other friends of the Fulton County 4-H Program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Fulton County 4-H Endowment Fund (contd)

The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Fulton County 4-H Program. This support may include, but is not limited to, the funding of scholarships for 4-H members; sponsoring 4-H members, volunteer leaders and friends of 4-H; sponsoring seminars and programs; purchasing material or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Fulton County. All expenditures from this fund shall be approved by the Fulton County 4-H Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Ohio Cooperative Extension Service in consultation with a committee representing the Fulton County 4-H donors.

Hancock County 4-H Endowment Fund

The Hancock County 4-H Endowment Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Hancock County 4-H Committee and other friends of the Hancock County 4-H Program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this fund shall be used to support the Hancock County 4-H Program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members; volunteer leaders and friends of 4-H; sponsoring seminars and programs; purchasing material or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Hancock County. All expenditures from this fund shall be approved by the Hancock County 4-H Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Ohio Cooperative Extension Service in consultation with a committee representing the local 4-H donors.

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Ohio State University Marion Campus Dean's Fund

The Ohio State University Marion Campus Dean's Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Francis E. Hazard, Ph.D., Education '73, Dean and Director of The Ohio State University Marion Campus.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Twenty percent (20%) of the annual income shall be added to the fund's principal. The remaining eighty percent (80%) of the annual income shall be used for the betterment of the Marion Campus at the discretion of the current Dean and Director.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University then acting as Dean and Director of the Marion Campus of The Ohio State University.

The Ottawa County 4-H Endowment Fund

The Ottawa County 4-H Endowment Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Ottawa County 4-H Program and supporters thereof.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Ottawa County 4-H Program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members; volunteer leaders and friends of 4-H; sponsoring seminars and programs; purchasing material or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Ottawa County. All expenditures from this fund must be approved by the members with voting powers of the Ottawa County 4-H Endowment Fund Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Ohio Cooperative Extension Service.

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Portage County 4-H Scholarship Endowment Fund

The Portage County 4-H Scholarship Endowment Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Portage County 4-H Committee and other friends of the Portage County 4-H Program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used each year to provide a college scholarship to one or more present or former Portage County 4-H members for their freshman year at any accredited college or university, regardless of major selected. Selection of the scholarship recipient(s) shall be based upon the "Ohio 4-H Scholarship Application" form and shall be administered and selected by the Portage County 4-H Committee. The amount of each scholarship and number of scholarships shall be determined each year by the annual income of the fund. Unused income shall be returned to the principal of this fund in order to provide larger scholarships or more of them each year.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Ohio Cooperative Extension Service in consultation with a committee representing the local 4-H donors.

Wood County 4-H Endowment Fund

The Wood County 4-H Endowment Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Wood County 4-H Committee and other friends of the Wood County 4-H Program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Wood County 4-H Program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members; volunteer leaders and friends of 4-H; sponsoring seminars and programs; purchasing material or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Wood County. All expenditures from this fund shall be approved by the Wood County 4-H Committee.

Should the need for this fund cease to exist or so diminish as to provide

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Wood County 4-H Endowment Fund (contd)

unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Ohio Cooperative Extension Service in consultation with a committee representing the local 4-H donors.

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REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 87-30

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

AGRICULTURAL TECHNICAL INSTITUTE - PHASE III
DAIRY LABORATORY FACILITY

Description: This project provides for the construction of a new dairy facility in Wooster, Ohio, consisting of a milking cow barn for 80 cows, a heifer barn, a hay barn, a milk laboratory complex, and a computer feeder and feed mixing system. Construction is expected to begin in October 1986, and be completed during the summer of 1987.

General Contract

Date Received:	July 15, 1986
No. of Bids:	3
Low Bid:	\$ 696,869.00 ⁺
High Bid:	\$ 739,500.00

⁺General Contract and HVAC Contract are in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

AGRICULTURAL TECHNICAL INSTITUTE - PHASE III
DAIRY LABORATORY FACILITY (contd)

General Contract (contd)

Estimate of Cost:	\$ 677,000.00
Awarded to:	Stanley Miller Construction Co., East Sparta, OH

Plumbing Contract

Date Received:	July 15, 1986
No. of Bids:	3
Low Bid:	\$ 49,880.00
High Bid:	\$ 56,730.00
Estimate of Cost:	\$ 52,000.00
Awarded to:	Maintenance Masters, Youngstown, OH

HVAC Contract

Date Received:	July 15, 1986
No. of Bids:	3
Low Bid:	\$ 41,545.00 ⁺
High Bid:	\$ 59,275.00
Estimate of Cost:	\$ 35,000.00
Awarded to:	Allied Mechanical, Dover, OH

Electric Contract

Date Received:	July 15, 1986
No. of Bids:	5
Low Bid:	\$ 100,813.00
High Bid:	\$ 136,442.00
Estimate of Cost:	\$ 105,000.00
Awarded to:	Triangle Electric Co., Canton, OH

⁺General Contract and HVAC Contract are in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

AGRICULTURAL TECHNICAL INSTITUTE - PHASE III
DAIRY LABORATORY FACILITY (contd)

Milk Parlor Equipment Contract

Date Received:	July 15, 1986
No. of Bids:	4
Low Bid:	\$ 99,345.00
High Bid:	\$ 121,675.00
Estimate of Cost:	\$ 104,000.00
Awarded to:	W. G. Dairy Supply, Creston, OH

Feed Distribution Contract

Date Received:	July 15, 1986
No. of Bids:	3
Low Bid:	\$ 15,140.00
High Bid:	\$ 19,972.00
Estimate of Cost:	\$ 19,000.00
Awarded to:	Bogner Construction, Wooster, OH

Silo Contract

Date Received:	July 15, 1986
No. of Bids:	2
Low Bid:	\$ 41,245.00
High Bid:	\$ 49,646.00
Estimate of Cost:	\$ 47,000.00
Awarded to:	Mast-Lepley Silo Inc., Wooster, OH

Total All Contracts: \$1,044,837.00

Total Contingency Allowance: \$ 79,974.05 (which is 7.5 percent of construction costs)

Total Project Cost: \$1,142,200.00

Funding: SB 348

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

LINCOLN TOWER - SEVENTH FLOOR RENOVATION

Description: This renovation project of the seventh floor of Lincoln Tower will provide more efficient and functional office and space arrangement for the Accounting, Accounts Payable and Management Studies departments. Construction is scheduled to begin in October 1986, and is expected to be completed in the spring of 1987.

General Contract

Date Received:	July 30, 1986
No. of Bids:	5
Low Bid:	\$ 85,460.00*
High Bid:	\$ 113,603.00*
Estimate of Cost:	\$ 120,000.00*
Awarded to:	Waller & Lund, Columbus, OH

Electric Contract

Date Received:	July 30, 1986
No. of Bids:	7
Low Bid:	\$ 34,300.00*
High Bid:	\$ 63,700.00*
Estimate of Cost:	\$ 40,000.00
Awarded to:	Merit Electric, Hilliard, OH
Total All Contracts:	\$ 119,760.00*
Total Contingency Allowance:	\$ 9,618.08 (which is 8 percent of construction costs)
Total Project Cost:	\$ 158,650.00*
Funding:	University Funds

*Recommended alternates reflected in these figures.

HUGHES HALL - ELEVATOR REPLACEMENT

Description: This project involves the removal of an existing, obsolete elevator and replacing it with a modern elevator meeting Code requirements for the physically impaired. Construction is scheduled to begin August 1986, and is expected to be completed in the spring of 1987.

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

HUGHES HALL - ELEVATOR REPLACEMENT (contd)

General Contract

Date Received:	June 24, 1986
No. of Bids:	2
Low Bid:	\$ 133,400.00
High Bid:	\$ 133,800.00
Estimate of Cost:	\$ 137,000.00
Awarded to:	Waller & Lund, Columbus, OH
Total All Contracts:	\$ 133,400.00
Total Contingency Allowance:	\$ 9,400.00 (which is 7 percent of construction costs)
Total Project Cost:	\$ 144,300.00
Funding:	University Funds - B/A 210134

HITCHCOCK HALL - AIR SYSTEM MODIFICATIONS

Description: This project consists of the modification of existing air handling system on the second floor, front portion of Hitchcock Hall to provide energy efficiency, and eliminate extensive repairs and excessive equipment operation. Construction is scheduled to begin December 10, 1986, and be completed by January 5, 1987.

General Contract

Date Received:	July 29, 1986
No. of Bids:	5
Low Bid:	\$ 21,320.00*
High Bid:	\$ 48,295.38*
Estimate of Cost:	\$ 67,600.00*
Awarded to:	Waller & Lund, Columbus, OH

HVAC Contract

Date Received:	July 29, 1986
No. of Bids:	3

*Recommended alternates reflected in these figures.

September 4 and 5, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

HITCHCOCK HALL - AIR SYSTEM MODIFICATIONS (contd)

HVAC Contract (contd)

Low Bid:	\$ 27,417.00*
High Bid:	\$ 40,900.00*
Estimate of Cost:	\$ 57,000.00*
Awarded to:	Columbus Heating & Ventilating, Columbus, OH

Electric Contract

Date Received:	July 29, 1986
No. of Bids:	4
Low Bid:	\$ 34,578.00*
High Bid:	\$ 42,300.00*
Estimate of Cost:	\$ 60,800.00*
Awarded to:	Frush & Homan, Columbus, OH
Total All Contracts:	\$ 83,315.00*
Total Contingency Allowance:	\$ 8,331.00 (which is 10 percent of construction costs)
Total Project Cost:	\$ 93,903.30*
Funding:	University Funds B/A 210134

*Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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ACCEPTANCE OF THE GIFT OF REAL PROPERTY

Resolution No. 87-31

Synopsis: A report on the acceptance of the gift of real property at 1375 South Hamilton Road is presented.

September 4 and 5, 1986 meeting, Board of Trustees

ACCEPTANCE OF THE GIFT OF REAL PROPERTY (contd)

WHEREAS Monterey Life Systems, Inc., was the owner of an undivided one-half interest in real property located at 1375 South Hamilton Road in Columbus, Ohio, and desired to make a gift of this interest in the property to The Ohio State University through The Ohio State University Development Fund, for the purpose of supporting the Irving Abramowitz Memorial Professorship in the College of Business; and

WHEREAS because of the pending liquidation of Monterey Life Systems, Inc., the donor corporation desired to make this gift by August 15, 1986, which requirement made it impractical for the Board of Trustees to accept this gift prior to this September meeting; and

WHEREAS it was determined by the appropriate University offices that acceptance of this gift was in the best interests of the University and the President and Vice President for Business and Administration, in consultation with the Chairman of the Board and the Chairman of the Fiscal Affairs Committee of the Board, accepted this gift, and acquired title to this property, on behalf of the Board of Trustees pursuant to Resolution 86-28:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees accept this report on the acceptance of this gift by Monterey Life Systems, Inc., of an undivided one-half interest in real property located at 1375 South Hamilton Road.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS

Resolution No. 87-32

Synopsis: Approval for reimbursement of expenses for designated administrative officials is requested.

WHEREAS the Fiscal Affairs Committee has authorized the payment of expenses for designated administrative officials; and

WHEREAS it is deemed in the best interest of the University for the Fiscal Affairs Committee to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the Fiscal Affairs Committee be authorized to provide reimbursement to designated University officials from unrestricted gifts to the University Endowment Fund.

Upon motion of Mr. Barone, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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September 4 and 5, 1986 meeting, Board of Trustees

President Jennings made the following statement:

Mr. Chairman, I want to bring to the attention of the Board a matter of concern to our students in regard to their student financial aid -- specifically, the Guaranteed Student Loans program under which lending institutions make low-interest, individual loans to college students that are guaranteed by the federal government.

As you may know, there has been some confusion in recent weeks over new federal regulations that have required loans to be distributed by the universities, rather than being sent by the banking institutions directly to the students. In fulfilling our new role as the disburser of these loans, we began distributing the checks to students once we received them from the banks beginning August 25, the first day that Autumn Quarter tuition could be paid.

This policy enables students to receive their loans at the time they pay their tuition prior to our September 10 fee payment deadline, as well as have funds to make their residence hall payments or rent and utility deposits, purchase their books, and in general take up campus residence for the Autumn Quarter.

The executive director of the Ohio Student Loan Commission this week sent a letter to me which claims that this policy is not in compliance with federal regulations. It is apparently his opinion that checks should not be distributed until classes begin on September 24 -- two full weeks after fees are due. He has further threatened to unilaterally declare Ohio State an ineligible institution for Guaranteed Student Loans unless we agree to withhold the checks until September 24.

Because it is our belief that these actions stem from a misunderstanding of our policies, I think it is important to clarify the University's position on disbursement of these loan checks. And I also want to point out that our staff are thoroughly familiar with the federal regulations, and we have no doubt that we have been operating in full compliance.

The regulations require that in order to receive a check, the student must enroll at an institution of higher education by completing the registration requirements and beginning what is called the "attendance period." We define the attendance period as the first day upon which students can pay fees. Any other definition would not permit our students to receive these financial aid checks to which they are fully entitled in time to pay their fees.

I might add that not only is our policy in compliance with federal regulations, we also fulfill the Commission's own requirements that loans be disbursed not more than thirty days before the beginning of the "academic" period. The first day of classes for Autumn Quarter is September 24. Our release of checks to students paying fees beginning August 25 is still within the Commission's thirty day limitation.

It is our opinion that the executive director's interpretation of the federal regulations would impose undue and unnecessary

September 4 and 5, 1986 meeting, Board of Trustees

President Jennings: (contd)

hardship on our students and their parents. I see no purpose being served by subjecting our students to unreasonable delays in the disbursement of the funds to which they are legally entitled.

I have informed the executive director and want to assure the Board that we are prepared to take whatever steps are necessary to protect the rights of our students and their ability to obtain their student loans to enroll at The Ohio State University. We are still disbursing Guaranteed Student Loan checks according to our established policies and will continue to do so.

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QUARTERLY REPORT -
WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS

Resolution No. 87-33

RESOLVED, That the quarterly report on the Waivers of Competitive Bidding Requirements, dated April through June 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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REPORTS - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 87-34

RESOLVED, That the reports on the University's Investment Portfolio, dated June 30, 1986, and August 15, 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, October 2, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

Daniel M. Galbreath
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND TWENTY-FOURTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 2 and 3, 1986

The Board of Trustees met at its regular monthly meeting on Thursday, October 2, and Friday, October 3 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *
Minutes of the last meeting were approved.
* * *

October 2 and 3, 1986 meeting, Board of Trustees

The Chairman, Mr. Galbreath, called the meeting of the Board of Trustees to order on October 2, 1986, at 6:30 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Daniel M. Galbreath, Chairman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, Deborah E. Casto, and John W. Kessler.

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Mr. Galbreath reconvened the meeting on October 3, 1986, at 10:00 a.m.

Present: Daniel M. Galbreath, Chairman, Edmund C. Redman, Leonard J. Immke, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, Deborah E. Casto, and John W. Kessler.

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At the outset of the Board meeting, Dr. Pappachan E. Kolattukudy, Director of the Biotechnology Center and Professor of the Department of Biochemistry, gave a slide presentation which described the newly formed Ohio State University Biotechnology Center and its goals for the future.

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PERSONNEL ACTIONS

Resolution No. 87-35

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the September 5, 1986 meeting of the Board, including the following Appointment, Reappointment of Principal Administrative Official, Appointment of Chairpersons of Departments, Leaves of Absence Without Salary, Leave of Absence Without Salary--Continuation, Professional Improvement Leave, Emeritus Titles, and Emeritus Title--Change in Title as detailed in the University Budget be approved, and the Medical Staff--Appointments/Reappointments approved September 4 and September 25, 1986, by the Hospitals Board be ratified.

Appointment

Name:	CHARLES W. KERN
Title:	Dean/Professor
College/Department:	Mathematical and Physical Sciences/Chemistry
Effective:	November 1, 1986
Salary:	\$93,000.00
Present Position:	Assistant Director for Physical Science, Executive Office of the President, Office of Science and Technology Policy, Washington, DC

Reappointment of Principal Administrative Official

Board of Trustees Resolution No. 86-7, dated July 12, 1985, pertaining to the Term of Appointment for Donald E. Glower, Sr., Dean of the College of Engineering, as reads November 1, 1985, through October 31, 1990, is amended to read November 1, 1985, through January 31, 1992.

October 2 and 3, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Chairpersons of Departments

October 1, 1986 through June 30, 1987

Genetics

Philip S. Perlman*

October 1, 1986 through August 31, 1987

Black Studies

Mary Ann S. Williams*

October 1, 1986 through September 30, 1990

Physics

James C. Garland

*Acting Chairperson

Leaves of Absence Without Salary

ALI E. ENGIN, Professor, Department of Engineering Mechanics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to work at Ankara University in Turkey.

NANCY S. ERICKSON, Professor, College of Law, effective March 1, 1986, through Spring Semester 1986, for personal reasons; and effective Autumn Semester 1986 and Spring Semester 1987, to do research for a book.

GORDON J. AUBRECHT II, Associate Professor, Department of Physics (Marion), effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to accept a Visiting Fellowship with the American Association of Physics Teachers at the University of Maryland.

LLEWELLYA W. HILLIS-COLINVAUX, Associate Professor, Department of Zoology, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to continue research with the marine algae, Halimeda, and accept a second year Fellowship at the Bunting Institute of Radcliffe College, Cambridge, MA.

WESLEY J. JOHNSTON, Associate Professor, Academic Faculty of Marketing, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to join the faculty of Marketing at the University of Southern California.

CATHERINE M. CONAGHAN, Assistant Professor, Department of Political Science, effective Autumn Quarter 1986, to accept a Fellowship at the Helen Kellogg Institute for International Affairs at the University of Notre Dame.

CARLYLE D. JOHNSON, Assistant Professor, Department of Art, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to accept an appointment as a Visiting Artist at the University of North Carolina.

JAMES C. SKEELES, Assistant Professor, Cooperative Extension Service, effective September 24, 1986, through November 4, 1986, to pursue full-time graduate study at The Ohio State University.

EDWARD W. WOLNER, Assistant Professor, Department of Architecture, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to do archival research on New York City skyscrapers of the 1920's.

October 2 and 3, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leave of Absence Without Salary--Continuation

R. WILLIAM LIDDLE, Professor, Department of Political Science, effective Autumn Quarter 1986, to continue his work in Indonesia.

Professional Improvement Leave

ZARIFE SAHENK, Associate Professor, Department of Neurology, effective October 1, 1986, through July 31, 1987.

Emeritus Titles

JAMES L. CALDWELL, Department of Horticulture, with the title Professor Emeritus, effective September 1, 1986.

MILTON AIN, College of Social Work, with the title Associate Professor Emeritus, effective September 1, 1986.

RATE A. HOWELL, Academic Faculty of Finance, with the title Associate Professor Emeritus, effective January 1, 1987.

MARY L. BOWMAN-COWAN, School of Natural Resources, with the title Associate Professor Emeritus, effective October 1, 1986.

MARTHA P. LAWRY, University Libraries, with the title Assistant Professor Emeritus, effective October 1, 1986.

Emeritus Title--Change in Title

ALFRED C. LONG, College of Dentistry - Restorative Dentistry, with the title Professor Emeritus, changed to Professor Emeritus/Assistant Dean Emeritus, effective July 1, 1986.

Upon motion of Mr. Barone, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 87-36

Synopsis: Resolutions honoring the service of ten of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Morgan L. Allison

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 12, 1986, of Morgan L. Allison, Professor Emeritus in the College of Dentistry.

October 2 and 3, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Morgan L. Allison (contd)

Dr. Allison was born on November 15, 1919. He received his D.D.S. from The Ohio State University in 1944, and joined the College of Dentistry in 1949 as an Instructor. In 1950 he was promoted to Assistant Professor; in 1953, to Associate Professor; and to Professor in 1957. He served as Chairman of the Section of Oral and Maxillofacial Surgery from 1953-1971. Dr. Allison served as Director of Continuing Dental Education from 1971-1980. He retired from the University on January 31, 1982, and was named Professor Emeritus.

Dr. Allison started the first graduate program in Oral Surgery at Ohio State and was the first dentist in Ohio to administer endotracheal anesthesia. Among the many honors accorded him, he received the Heidbrink Award of the American Dental Society of Anesthesiology in 1962; a prestigious appointment by the Ohio Board of Regents as Regents Professor in 1966; the Hulihan Memorial Award for "advancements in oral and maxillofacial surgery" from the West Virginia School of Dentistry; and this year, he received the Callahan Award, an annual award given by the Ohio Dental Association to individuals who have made outstanding contributions to the dental profession.

Dr. Allison was internationally admired for his TMJ work and his studies in surgical reduction of the tongue. During his 33 year career at Ohio State, he published many scientific articles, wrote textbook chapters, and produced 13 motion pictures as teaching aids.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Lydia D. Bruny

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 8, 1986, of Lydia D. Bruny, Assistant Professor in the Cooperative Extension Service.

Lydia Bruny was born November 10, 1951, in Zanesville, Ohio. She attended John Glenn High School and graduated in 1969. She received her Bachelor of Science degree in Home Economics in 1973 and a Master's degree in Extension Education in 1976, both from The Ohio State University.

Ms. Bruny began her Extension experience in Perry County as a County Extension Agent, Home Economics in 1973. In 1984, she became the County Extension Agent, Home Economics in Fairfield County and remained in this position until her death.

She was a member of the Ohio Cooperative Extension Agents' Association; the professional Extension fraternal organization of Epsilon Sigma Phi; the National Association of Home Economics Agents; and Delta Kappa Gamma. Lydia Bruny was the recipient of several peer awards sponsored by the Ohio Cooperative Extension Agents' Association and the National Association of Extension Home Economists. She was highly respected by her associates throughout the State and country.

October 2 and 3, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Lydia D. Bruny (contd)

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family of Ms. Bruny as an expression of the Board's realization of the loss which the family, the University, her many friends and associates have sustained.

George G. Everhart

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 20, 1986, of George G. Everhart, County Agent Emeritus in the Cooperative Extension Service.

Mr. Everhart was born November 11, 1893, in Baltic, Ohio. He received his Bachelor of Science degree in Agriculture from The Ohio State University in 1921.

He became a Club Agent in Knox County on May 1, 1928. He then moved to Morgan County as the Club Agent in April of 1933. On August 1, 1935, he returned to Knox County as the County Agriculture Agent; the position he held until his retirement on March 31, 1956.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Everhart its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to his family as a sincere expression of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Hazel L. Gibbonny

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 16, 1986, of Dr. Hazel L. Gibbonny, Associate Professor Emeritus in the Department of Educational Policy and Leadership.

Professor Gibbonny was born in October 1907, in Massena, New York. She received three degrees from The Ohio State University: a Bachelor of Arts in English in 1936; a Master's degree in 1937; and a Ph.D. in 1957. Professor Gibbonny was recognized by students and teachers as a skilled practitioner in the field of Audio-Visual Materials and Instruction. She managed the Curriculum Materials Center in the College of Education from 1954 to 1968. She served from 1936 to 1962 as co-editor along with Edgar Dale of the News Letter published by the Bureau of Educational Research. Upon her retirement in 1969, she was named Associate Professor Emeritus.

Her contributions to her profession were numerous. She served on the boards and as a chief program officer for local, state, and national governmental projects aimed at improving the quality of audio-visual curriculum. She was the author and co-author of many articles, pamphlets, and books in her field. She was a member of Phi Beta Kappa and Pi Lambda Theta, the education honorary.

October 2 and 3, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Hazel L. Gibbon (contd)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Helene Heye

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 4, 1986, of Helene Heye, Professor Emeritus in the Department of Family Relations and Human Development.

Dr. Heye was born January 31, 1903. She attended Hastings College in Hastings, Nebraska, from 1921-1925. She received her B.S. degree in Home Economics with a minor in Education, French, and English. Her Master's degree was earned at Iowa State University in 1927, in Home Management. Dr. Heye earned her Ph.D. in Child Welfare in 1940, from Iowa State University.

Dr. Heye came to The Ohio State University in October 1944, as an Associate Professor in the Division of Family and Child Development, now the Department of Family Relations and Human Development. In 1945 Dr. Heye was promoted to the rank of Professor and from 1945 to 1963 she served as Chair in the Department. She retired in June 1973, after almost 30 years of service to the Department, College, and University.

At The Ohio State University, Dr. Heye was a leader in the establishment of curricula for the preparation of day care teachers. She also introduced many new courses in Child Development, Program Planning, and Administration of Day Care Centers. She was Director of three Laboratory Nursery Schools as well as Director-Teacher in two schools. These laboratory schools were among the first in the nation. Dr. Heye's extensive experience in supervising field work in day care centers was enhanced by directing several in-service training programs. She served as advisor for a private non-profit nursery school and directed the first Head Start Training Program in Columbus, Ohio.

Recognition of her ability in program development included appointment on national committees such as The White House Conference on Children and Youth, 1960; Fiftieth Anniversary Celebration: Children's Bureau, 1962; and the National Conference on Day Care Services, 1963. Dr. Heye was also active in the development of day care licensing standards for the State of Ohio.

Dr. Heye contributed a great deal of her efforts to facilitate projects with the community and students. She helped to establish the local professional association, the Columbus Association for Education of Young Children. Her professional career won her wide respect in the university and academic world.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

October 2 and 3, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Joann I. Kurbatov

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 20, 1986, of Joann I. Kurbatov, Associate Professor Emeritus in the Department of Physics.

Joann I. Kurbatov was born on August 25, 1894, in Vorenesh, Russia. He attended Moscow Polytechnicum and in 1922 he received his Ph.D. degree from Moscow University. He served there as a faculty member from 1922 to 1930, and in 1930-31 he was a Fellow at the Kaiser Wilhelm Institute for Chemistry. He came to the United States in 1932 and from that time until 1941, he was a research chemist at Universal Oil Products, Chicago, Illinois. He came to The Ohio State University in 1941.

Dr. Kurbatov served as a Research Associate Professor in the Department of Physics. He was a research nuclear chemist, and worked in nuclear spectroscopy, involving physics and chemistry. He was also associated with the Department of Chemistry at The Ohio State University, and had a research grant with the Atomic Energy Commission. His wife, Margaret Kurbatov, was a member of the Chemistry Department at The Ohio State University, and together they advised many graduate students in both physics and chemistry. He had an extensive publication record. Upon his retirement in 1961, he was named Associate Professor Emeritus.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Lyle S. Pettit, Sr.

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 8, 1986, of Lyle S. Pettit, Sr., Professor Emeritus in the College of Dentistry.

Dr. Pettit was born on February 18, 1905. He received his D.D.S. degree from The Ohio State University in 1929. He joined the College of Dentistry faculty in 1930 as a Demonstrator in Oral Hygiene. In 1936, he was promoted to Instructor (part-time); in 1940 to Assistant Professor (part-time); in 1944 to Associate Professor (part-time); and in 1951 to Professor (part-time). From 1929 until 1953, he was also in the private practice of dentistry in Columbus, Ohio. In 1953, Dr. Pettit became a full-time member of the faculty with the rank of Professor.

Dr. Pettit became Chairperson of the College of Dentistry Section of Pediatric Dentistry in 1951, a position he occupied until his retirement in 1972. He established the College's first curricular program in dentistry for children in 1936; and the first dental clinic at the Columbus Children's Hospital in 1939. He was one of the founders of the American Academy of Pediatric Dentistry and served as its President in 1952 and 1953.

Dr. Pettit was noted for his scholarship and was a member of Omicron Kappa Upsilon, honorary dental scholarship society. He was a Fellow of the American College of Dentists and an honorary member of the Ohio

October 2 and 3, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Lyle S. Pettit, Sr. (contd)

Society of Dentistry for Children. Dr. Pettit was recognized by his colleagues as the "father of pediatric dentistry" at The Ohio State University.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Jean C. Rhoad

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 20, 1985, of Jean C. Rhoad, Assistant Professor Emeritus in the Department of English (Lima Campus).

Professor Rhoad attended The Ohio State University and graduated in 1930 with a B.S. in Education. She received a Master's degree in English from The Ohio State University in 1936.

Professor Rhoad was an Instructor of English at the Columbus Campus during 1945-46. In 1960, she was one of the first faculty members employed at The Ohio State University at Lima, and continued in that employment until 1977 when she retired and became Assistant Professor Emeritus.

She maintained a strong interest in her students long after they left the University. She dedicated her instructional efforts toward the betterment of their careers. Although she maintained her primary residence in Washington Court House, she also had continuing ties to the Lima community.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

John S. Tecklenberg

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 20, 1986, of Dr. John S. Tecklenberg, Clinical Associate - Dentistry, College of Dentistry. Dr. Tecklenberg had been a member of the dental faculty since August 1975. He received his D.D.S. degree from The Ohio State University in 1971, and was a dentist with the Whetstone Dental Group.

Dr. Tecklenberg taught in the Department of Community Dentistry. He supervised pre-doctoral and graduate students in clinical dentistry. In 1979, "Teck" was voted the Outstanding Clinical Teacher by the dental students. He served on numerous College committees including the Faculty Council. Dr. Tecklenberg was devoted to his students, treated patients with compassion and was proud of his profession.

October 2 and 3, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

John S. Tecklenberg (contd)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Edwin E. Zorn

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 13, 1986, of Edwin E. Zorn, Professor in the Cooperative Extension Service.

Edwin E. Zorn was born February 25, 1932, in Jackson Center, Ohio. He attended Jackson Center High School and graduated in 1950. He received his Bachelor of Science degree in Animal Science in 1954 from The Ohio State University. He then served in the artillery branch of the U.S. Army from 1954 to 1956, attaining the rank of 1st Lieutenant. Mr. Zorn then returned to The Ohio State University and received a Master's degree in Animal Science in 1969.

Mr. Zorn began his Extension experience in Warren County as an Associate County Extension Agent working with 4-H Clubs. He became the County Extension Agent, 4-H in Warren County in 1960, and remained in that position until 1965 when he was named Butler County Extension Agent, Agriculture. He served in Butler County until 1970 when he became the Eaton Area Extension Agent, Animal Industry. In 1982, he attained the rank of Professor. During most of 1982 and 1983, Professor Zorn served as the Acting Eaton Area Supervisor while also continuing his regular duties. When the Eaton Area office was closed due to a redistricting plan, Professor Zorn resumed his work as a District Specialist, Animal Industry in the Southwest District. He continued in this position until his death.

Mr. Zorn was a member of the Ohio County Extension Agents' Association; the professional Extension fraternal organization of Epsilon Sigma Phi; and the National Association of County Agricultural Agents where he received the Distinguished Service Award in 1975. This is the highest honor bestowed by the National Association in recognition of outstanding contributions to Cooperative Extension education programs. Mr. Zorn was highly respected by his peers and associates throughout the State and country.

On behalf of the University community, the Board of Trustees expresses to the family of Edwin Zorn its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss which the family, the University, his many friends and associates have sustained.

Upon motion of Ms. Casto, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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October 2 and 3, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 87-37

Synopsis: The reports on contracts, grants, and gifts and the summary for August 1986 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of August 1986 be approved.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR AUGUST 1986

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	111	\$6,504,900.00
Engineering Experiment Station	23	\$ 458,036.00
Total	134	\$6,962,936.00

The Ohio State University Development Fund

Establishment of Named Funds

The A. Merle and Pearl (Gray) Hamilton Scholarship Fund (Scholarships - Marion County)	\$ 50,000.00
Carl F. and Marjorie Cottingham Obenauf Agricultural Merit Scholarship (Undergraduate students majoring in the food sciences)	\$ 16,000.00
Holmes County 4-H Endowment Fund (Scholarships)	\$ 8,285.00
The Ashley Brittany Calhoon (ABC) 4-H Leadership/Scholarship Fund (Scholarships)	\$ 5,000.00

October 2 and 3, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR AUGUST 1986 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The William J. Tyznik Equine Research Fund (Support research and equine nutrition)	\$ 5,000.00
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Change of Name and Description of Named Fund

From:	Allen County Ohio State University Association - The Ohio State University at Lima Scholarship
To:	Allen County Ohio State University Alumni Club - Ohio State University at Lima Scholarship Endowment Fund

Change in Description of Named Fund

Ohio Staters, Inc., Outdoor Performance Center Endowment Fund

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (cont'd)

THE OHIO STATE UNIVERSITY
OFFICE OF UNIVERSITY DEVELOPMENTJuly through June
1984-85 compared to 1985-86CONTRIBUTIONS BY DONOR TYPE

	1984-85	Donors July through June 1985-86	% Change	1984-85	Dollars July through June 1985-86	% Change
Alumni	48,707	47,154	(3)	\$ 7,569,001	\$ 9,681,743	28
Non-Alumni	27,876	27,016	(3)	6,019,478	6,498,996	8
Corporations	1,986	1,705	(14)	9,968,164	9,274,303	(7)
Corporate Foundations	274	249	(9)	2,106,402	1,968,910	(7)
Private Foundations	132	124	(6)	1,588,640	3,199,252	101
Other	<u>744</u>	<u>748</u>	1	<u>1,901,773</u>	<u>2,553,336</u>	34
UNIVERSITY DEVELOPMENT TOTALS	79,719	76,996		29,153,458	33,176,540	14
Grants Received by Office of Sponsored Programs	<u> </u>	<u>481</u>		<u> </u>	<u>17,217,522</u>	-
GRAND TOTAL (1985-86)		77,477			\$50,394,062	

FINAL REPORT

8/18/86

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (cont'd)

The Ohio State University Campaign

Progress Report

Through June 30, 1986

	<u>*Campaign Expectancies</u>	<u>Current Year Campaign Receipts (July-June 1985-86)</u>	<u>Previous Years Campaign Receipts (As of June 30, 1985)</u>	<u>Total</u>	<u>Campaign Goal</u>	<u>% Achieved</u>
Alumni	\$54,750,673	\$ 9,681,743	\$1,308,238	\$ 65,740,654	\$122,500,000	54
Friends	31,677,933	6,498,996	4,126,814	42,303,743	70,000,000	60
Corporations	8,267,985	13,796,549	2,133,306	24,197,840	122,500,000	20
Foundations	3,125,000	3,199,252	226,363	6,550,615	35,000,000	19
Grants Rec'd by Office of Sponsored Programs	<u> </u>	<u>17,217,522</u>	<u> </u>	<u>17,217,522</u>	<u> </u>	
Total	\$97,821,591	\$50,394,062	\$7,794,721	\$156,010,374	\$350,000,000	45

*Defined as pledges and deferred commitments less payments already received.

FINAL REPORT

8/18/86

October 2 and 3, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - August 1986

Federal Research Contracts/Grants

\$468,727.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, OSU Comprehensive Cancer Center Support (Core) Grant, Cancer Research Center (D. S. Yohn), 1 July 1986 through 29 September 1986. (Project 763976 - Continuation)

\$210,000.00 - Department of Agriculture, Cooperative State Research Service, Washington, DC, Fetal and Placental Nutrient Utilization and Porcine Neonatal Survival, Department of Animal Science - OARDC and Department of Animal Science (T. G. Ramsay), 15 September 1986 through 30 September 1989. (Project 765625 - New)

\$187,956.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Population and Evolutionary Genetics of Organelles, Department of Genetics (C. W. Birky, Jr.), 1 September 1986 through 31 August 1987. (Project 764994 - Continuation)

\$163,868.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, Rockville, MD, Personality, Psychological Stress, and Immunocompetence, Department of Medical Microbiology and Immunology (R. M. Glaser) and Department of Psychiatry (J. Kiecolt-Glaser), 1 September 1986 through 31 August 1987. (Project 764961 - Continuation)

\$163,769.00 - Department of Education, Office of Postsecondary Education, Washington, DC, Upward Bound Program, Office of Minority Affairs (J. Cruz), 1 September 1986 through 31 August 1987. (Project 765655 - Continuation)

\$150,000.00 - Department of Agriculture, Science and Education, Washington, DC, Regulation of Self-Incompatibility Gene Expression, Departments of Botany and Agronomy (T. L. Sims), 1 September 1986 through 31 August 1989. (Project 765654 - New)

\$149,524.00 - Department of the Army, Military Entrance Processing Command Stations, Fort Sheridan, IL, The ASVAB and Related Training of Test Specialists, The National Center for Research in Vocational Education (C. K. Hansen), 7 August 1986 through 31 October 1987. (Project 765626 - New)

\$148,558.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Tumor-Localizing Boron Compounds for Chemoradiotherapy, College of Pharmacy (A. H. Soloway) and Department of Pathology (R. F. Barth), 1 September 1986 through 31 August 1987. (Project 765629 - New)

\$130,226.00 - National Science Foundation, Washington, DC, Bulk Material-Silo Interaction during Asymmetric Flow Initiation, Department of Civil Engineering (A. G. Bishara), 1 August 1986 through 31 July 1988. (Project 765647 - New)

October 2 and 3, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$130,000.00 - National Science Foundation, Washington, DC, Formation of Hybrid Natural Products by Interspecies Cloning of Streptomyces, Department of Chemistry (H. G. Floss) and Department of Microbiology (W. R. Strohl), 15 August 1986 through 31 July 1987. (Project 765635 - New)

\$128,759.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Reduction of Doxorubicin Cardiotoxicity by ICRF-187, Department of Internal Medicine (D. V. Unverferth), 11 August 1986 through 31 July 1987. (Project 765637 - New)

\$117,707.00 - Department of Education, Office of Higher and Continuing Education, Washington, DC, National Resource Center for Slavic and East European Studies, International Studies and Department of Slavic and East European Languages and Literatures (L. I. Twarog), 15 August 1986 through 14 August 1987. (Project 765593 - Continuation)

\$116,346.00 - Department of Health and Human Services, Public Health Service, National Center for Nursing Research, Bethesda, MD, Aerobic Training Effects on Women with Breast Cancer, Department of Family and Community (M. G. MacVicar) and School of Health, Physical Education and Recreation (R. L. Bartels), 1 July 1986 through 30 June 1987. (Project 764204 - Continuation)

\$114,484.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Aging and Income Security, Department of Economics, (D. O. Parsons), 1 August 1986 through 31 July 1987. (Project 764930 - Continuation)

\$111,657.00 - Department of Education, Office of Higher and Continuing Education, Washington, DC, National Resource Center - East Asia, International Studies and Department of Anthropology (C. M. Chen), 15 August 1986 through 14 August 1987. (Project 764877 - Continuation)

\$111,590.00 - Department of the Air Force, Research Projects Office, Washington, DC, Testing of Chamber Absorber Performance, Department of Electrical Engineering, ElectroScience Laboratory (J. D. Young), 7 July 1986 through 6 May 1987. (Project 765578 - New)

\$109,449.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, A 60 KD Oncofetal Protein Associated with Carcinogenesis, Department of Physiological Chemistry (T. E. Webb), 1 August 1986 through 31 July 1987. (Project 765588 - New)

\$109,352.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Cardiopulmonary Actions - Trimetoquinol Analogs, College of Pharmacy (D. D. Miller), 1 September 1986 through 31 August 1987. (Project 761574 - Continuation)

\$108,721.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biogenesis of Mitochondria in Neurospora, Departments of Genetics and Biochemistry (A.

October 2 and 3, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

M. Lambowitz), 1 September 1986 through 31 August 1987. (Project 765538 - Continuation)

\$98,157.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Studies on the Dextran Sucrase of *Streptococcus Sanguis*, Department of Chemistry (R. M. Mayer), 1 September 1986 through 31 August 1987. (Project 760160 - Continuation)

\$96,140.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, The Neural Control of Temperature Regulations, Department of Physiology (J. A. Boulant), 1 September 1986 through 31 August 1987. (Project 761187 - Continuation)

\$93,612.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, FeLV Leukemogenesis and Preneoplastic Lesions, Department of Veterinary Pathobiology (R. G. Olsen), 1 July 1986 through 30 June 1987. (Project 762826 - Continuation)

\$92,693.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Mechanisms of Hexose Epimerases and Oxidoreductases, Department of Chemistry (R. M. Mayer and H. G. Floss), 1 September 1986 through 31 August 1987. (Project 765015 - Continuation)

\$86,911.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, The Spectral Sensitivities of Turtle Photoreceptors, Department of Zoology (L. E. Lipetz), 1 September 1986 through 31 August 1987. (Project 762642 - Continuation)

\$85,133.00 - National Science Foundation, Washington, DC, Productive versus Nonproductive Binding Kinases, Department of Chemistry (M. D. Tsai), 1 September 1986 through 31 August 1987. (Project 765630 - New)

\$85,000.00 - Department of Agriculture, Science and Education, Washington, DC, Control of Insect Populations by Regulation of Dormancy, Department of Entomology (D. L. Denlinger), 1 September 1986 through 31 August 1988. (Project 765599 - Continuation)

\$84,144.00 - Department of Energy, Argonne, IL, Molecular Ferromagnetism, Department of Physics and Department of Chemistry (A. J. Epstein), 1 August 1986 through 31 July 1987. (Project 765592 - New)

\$83,649.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Transfusion Medicine Academic Award NHLBI, Department of Pathology (M. S. Kennedy), 1 August 1986 through 31 July 1987. (Project 764898 - Continuation)

\$81,999.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, RNA Splicing in Neurospora Mitochondria, Departments of Genetics and Biochemistry (A. M. Lambowitz), 1 September 1986 through 31 March 1987. (Project 765596 - New)

October 2 and 3, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$80,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Engineering Calculations for Communications Satellite Systems Planning, Department of Electrical Engineering, ElectroScience Laboratory (E. K. Walton) and Department of Industrial and Systems Engineering (C. H. Reilly), 11 August 1986 through 11 February 1987. (Project 762552 - Continuation)

\$80,000.00 - National Science Foundation, Washington, DC, Lower Bounds in Parallel Computation, Department of Computer and Information Science (H. Yesha and M. Li), 1 July 1986 through 30 June 1988. (Project 765572 - New)

\$78,418.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Excitatory Amino Acids in the Nucleus Accumbens, College of Pharmacy (N. J. Uretsky), 1 September 1986 through 31 August 1987. (Project 765017 - Continuation)

\$77,649.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Collaborative Ocular Melanoma Study - Clinical Center, Department of Ophthalmology (F. H. Davidorf), 1 August 1986 through 31 July 1987. (Project 765050 - Continuation)

\$76,936.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Adaptive Mechanisms of Accommodation and Convergence, College of Optometry (R. Jones), 1 September 1986 through 31 August 1987. (Project 765633 - New)

\$75,000.00 - National Science Foundation, Washington, DC, Natural Convection in Enclosures, Department of Mechanical Engineering (S. A. Korpela) and Department of Physics (C. D. Andereck), 1 August 1986 through 30 June 1988. (Project 765154 - Continuation)

\$74,704.00 - Department of Education, Office of Special Education, Washington, DC, In-service Training of Teachers on Communications Skills Training and Functionally-Referenced Curriculum to Benefit Severely Handicapped Students Including Deaf-Blind, Department of Human Services Education (T. Stephens), 1 September 1986 through 31 August 1987. (Project 765650 - New)

\$69,079.00 - National Science Foundation, Washington, DC, Holocene Paleoclimatic Reconstruction from Greenland Ice Cores, Institute of Polar Studies (E. Mosley-Thompson and L. G. Thompson), 15 August 1986 through 14 August 1987. (Project 765661 - New)

\$62,263.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Processing of Archaeobacterial Intron-Containing tRNA Gene Transcripts, Department of Microbiology (C. J. Daniels), 1 August 1986 through 31 July 1987. (Project 765591 - New)

\$60,004.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Parameter Identification of Human Postural Control, Department of Otolaryngology

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

(K. Barin), 1 September 1986 through 31 August 1987. (Project 764984 - Continuation)

\$57,268.00 - National Science Foundation, Washington, DC, Fluid Flow and Cleanliness of Steel in Continuous Casting Tundishes, Department of Metallurgical Engineering (H. Sahai), 1 July 1986 through 30 June 1987. (Project 765636 - New)

\$56,170.00 - Department of Energy, Washington, DC, Reduction of Pumping Energy Losses in District Heating and Cooling Systems, Department of Chemical Engineering (J. L. Zakin) and Department of Mechanical Engineering (R. N. Christensen), 1 September 1986 through 1 March 1988. (Project 765571 - New)

\$55,612.00 - Department of Education, Office of Higher and Continuing Education, Washington, DC, National Resource Fellowships, International Studies and Department of Slavic and East European Languages and Literatures (L. I. Twarog), 15 August 1986 through 14 August 1987. (Project 765593 - Continuation)

\$55,435.00 - Department of Agriculture, Cooperative State Research Service, Washington, DC, Differentiating the Corn Stunt and Maize Bushy Stunt Diseases in Latin America, Department of Plant Pathology - OARDC (D. T. Gordon), 1 August 1986 through 31 January 1988. (Project 765634 - New)

\$49,984.00 - Department of Agriculture, Forest Service, Broomall, PA, Juvenile Hormones and Hormone Regulators in the Development of the Gypsy Moth, Department of Entomology (D. L. Denlinger), 15 September 1986 through 14 September 1988. (Project 765658 - New)

\$45,140.00 - Department of Education, Office of Postsecondary Education, Washington, DC, Text Processing Strategies of Native, Nonnative Experienced and Nonnative Inexperienced Readers of Chinese and Japanese, Department of Educational Theory and Practice (E. B. Bernhardt), 1 September 1986 through 31 August 1987. (Project 765559 - New)

\$44,959.00 - Department of the Navy, Office of Naval Research, Arlington, VA, A Theoretical and Experimental Study of Weld Solidification under Transient Conditions, Department of Welding Engineering (W. A. Baeslack, III), 1 July 1986 through 31 December 1986. (Project 764095 - Continuation)

\$44,650.00 - Department of Agriculture, Cooperative State Research Service, Washington, DC, Genomic Probes for the Detection and Differentiation of Rotavirus Serogroups Infecting Swine, Department of Food Animal Health Research - OARDC (K. W. Theil), 1 September 1986 through 31 August 1988. (Project 765649 - New)

\$42,714.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, DC, Strength and Structure of $GA_{1-x}In_x$ as Alloys, Department of Ceramic Engineering (K. T. Faber) and Department of Metallurgical Engineering (J. P. Hirth), 1 September 1986 through 31 August 1987. (Project 764977 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$42,000.00 - National Science Foundation, Washington, DC, Tools for Stochastic Analysis of NP-Complete Problems, Academic Faculty of Management Sciences (W. T. Rhee), 1 August 1986 through 31 July 1988. (Project 765600 - New)

\$41,918.00 - National Science Foundation, Washington, DC, Specification and Estimation of Dynamic Stochastic Labor Force Participation and Search Models, Center for Human Resource Research (K. I. Wolpin), 1 August 1986 through 31 July 1987. (Project 764923 - Continuation)

\$35,856.00 - Department of Energy, Argonne, IL, Molecular Ferromagnetism, Departments of Physics and Chemistry (A. J. Epstein), 1 August 1986 through 31 July 1987. (Project 765592 - New)

\$34,974.00 - Department of Energy, Argonne, IL, Upgrade of The Ohio State University Nuclear Reactor Laboratory, Engineering Experiment Station (D. W. Miller) and Department of Mechanical Engineering (T. Aldemir), 1 August 1986 through 23 December 1988. (Project 764911 - Continuation)

\$33,352.00 - Department of Education, Office of Higher and Continuing Education, Washington, DC, Fellowships in East Asian Studies, Graduate School Administration (R. A. Koenigsknecht), International Studies (J. S. Adams) and Department of Anthropology (C. M. Chen), 15 August 1986 through 14 August 1987. (Project 764877 - Continuation)

\$31,000.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Unified Head Injury Theory, Department of Mechanical Engineering (R. L. Stalnaker), 1 July 1986 through 31 December 1986. (Project 764510 - Continuation)

\$30,800.00 - Department of Agriculture, Animal and Plant Health Inspection Service, Hyattsville, MD, Identifying Infectious Agents Associated with Neonatal Calf Enteric Disease from the NADDS, Department of Food Animal Health Research - OARDC (D. R. Redman, L. J. Saif and E. M. Kohler) and Department of Veterinary Preventive Medicine (G. Y. Miller), 3 July 1986 through 30 September 1986. (Project 765325 - New)

\$29,256.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Multiple Comparisons with the Best Treatment, Department of Statistics (J. C. Hsu), 1 August 1986 through 31 July 1987. (Project 765581 - New)

\$27,922.00 - National Science Foundation, Washington, DC, Dielectric Degradation and Breakdown in Scaled Nitride/Oxide Insulating Films, Department of Electrical Engineering (S. B. Bibyk), 1 August 1986 through 31 July 1987. (Project 764702 - Continuation)

\$26,654.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, Rockville, MD, Minority Students in Community Mental Health, College of Social Work (M. Coleman), 1 July 1986 through 30 June 1987. (Project 764271 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$24,320.00 - National Science Foundation, Washington, DC, Nestmate Recognition in Honey Bees, Department of Entomology (R. E. Page, Jr.), 1 August 1986 through 31 January 1989. (Project 765597 - New)

\$22,950.00 - Department of Education, Office of Higher and Continuing Education, Washington, DC, Foreign Language and Area Studies Fellowships Program Middle East Studies Program, Graduate School Administration (R. A. Koenigsknecht), International Studies (J. S. Adams and A. Payind) and Department of History (S. Dale), 15 August 1986 through 14 August 1987. (Project 765628 - Continuation)

\$19,878.00 - Department of the Air Force, Wright-Patterson Air Force Base, OH, Theoretical Approach to Analysis and Design of Efficient Reduced-Controls for Space Structures, Department of Aeronautical and Astronautical Engineering (H. A. Oz), 15 July 1986 through 30 September 1986. (Project 765624 - New)

\$17,958.00 - Department of the Navy, Office of Naval Research, Washington, DC, Provide Wind Tunnel Testing, Data Acquisition and Data Processing for the AAED Canard/Control System Flutter Test, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 9 July 1986 through 9 October 1986. (Project 765580 - New)

\$12,808.00 - National Science Foundation, Washington, DC, Three Phase Fluidization, Department of Chemical Engineering (L. S. Fan), 15 September 1986 through 28 February 1989. (Project 765656 - New)

\$9,750.00 - National Aeronautics and Space Administration, Marshall Space Flight Center, Marshall Space Flight Center, AL, Follow-up Support, Maintenance and Refinement for the MSFC Coaxial Welding Vision System, Department of Welding Engineering (R. W. Richardson), 1 July 1986 through 31 October 1986. (Project 763891 - Continuation)

\$1,138.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Internal Medicine (W. B. Malarkey), 1 July 1986 through 30 November 1986. (Project 761196 - Continuation)

Computer Time - National Science Foundation, Washington, DC, Fluid Flow and Cleanliness of Steel in Continuous Casting Tundishes, Department of Metallurgical Engineering (Y. Sahai), 1 July 1986 through 30 June 1987. (Project 765636 - New) (Approximate Dollar Value - \$28,500)

TOTAL - FEDERAL AWARDS

\$5,446,650.00

State of Ohio Research Contracts/Grants

\$125,000.00 - State of Ohio, Department of Development, Columbus, OH, Support for the Ohio Technology Transfer Organization (OTTO), Academic Affairs Administration (R. E. Bailey), 1 July 1986 through 30 June 1987. (Project 765536 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$120,255.00 - State of Ohio, Bureau of Employment Services, Columbus, OH, A Follow-up Study of Factors Associated with Effective Delivery of Services to Dislocated Workers, The National Center for Research in Vocational Education (C. K. Hansen), 1 August 1986 through 31 July 1987. (Project 765632 - New)

\$83,000.00 - State of Ohio, Department of Development, Columbus, OH, Support for the Ohio Technology Transfer Organization (OTTO), Academic Affairs Administration (R. E. Bailey), 1 March 1986 through 30 June 1986. (Project 765259 - Continuation)

\$63,000.00 - State of Ohio, Industrial Commission of Ohio, Columbus, OH, Graduate Student Internships - Industrial Commission of Ohio, Department of Human Services Education (D. J. Tosi and P. S. Wise), 1 September 1986 through 30 June 1987. (Project 765660 - New)

\$17,763.00 - State of Ohio, Ohio Arts Council, Columbus, OH, OSU University Gallery Film and Video Series, University Art Galleries (J. W. Green), 1 July 1986 through 30 June 1987. (Project 765623 - New)

\$9,980.00 - State of Ohio, Department of Human Services, Columbus, OH, Development of Data Base to Assist in the Dispensing Fee Determination for Participating Pharmacy Providers in the Ohio Medicaid Program, College of Pharmacy (R. Segal and D. S. Pathak), 11 August 1986 through 31 October 1986. (Project 765631 - Continuation)

\$6,300.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Festival of Cartoon Art, University Libraries (L. S. Caswell), 1 July 1986 through 31 December 1986. (Project 765594 - New)

\$4,867.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Ohio Journal, Department of English (D. J. Citino), 1 August 1986 through 30 June 1987. (Project 765587 - New)

TOTAL - STATE OF OHIO AWARDS \$ 430,165.00

Industrial Research Contracts/Grants

\$31,563.00 - Science Applications International Corp., San Diego, CA, Support of Performance Assessment of Engineered Systems, Department of Mechanical Engineering (K. Vafai), 31 July 1986 through 30 September 1986. (Project 765550 - New)

\$26,844.00 - Defense Systems, Inc., McLean, VA, Content Analysis Applications to Foreign Intelligence Topics, Mershon Center for Education (M. G. Hermann), 1 August 1986 through 30 June 1987. (Project 765595 - Continuation)

\$20,540.00 - Eli Lilly and Company, Indianapolis, IN, Fluoxetine versus Placebo in Bulimia: Parallel Blind, Department of Psychiatry (K. N. Dixon and A. B. Levy), 1 February 1987 through 30 April 1987. (Project 765438 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$20,000.00 - General Electric Company, Schnectady, NY, High Performance Ray Tracing Techniques, Department of Art Education (C. A. Csuri), 1 June 1986 through 31 December 1986. (Project 765584 - New)

\$17,000.00 - Pharmaceutical Research Institute, West Orange, NJ, Pharmacokinetics of Four Different Formulations of ORG 6370 in Normal Volunteers, Department of Pharmacology (N. Gerber), 1 October 1985 through 30 June 1986. (Project 764001 - Continuation)

\$15,000.00 - Brunswick Corporation, Marion, VA, Design for Dual Pass Hybrid Radome Wall, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 9 June 1986 through 8 June 1987. (Project 765589 - New)

\$15,000.00 - Ortho Pharmaceutical, Raritan, NJ, Randomized Study to Evaluate the Safety and Efficacy of Ofloxacin versus Cephalexin in the Treatment of Skin, Skin Structure, and Soft Tissue Infections in Adults, Department of Internal Medicine (W. Maher and R. L. Perkins), 1 January 1986 through 31 December 1986. (Project 765652 - New)

\$12,613.00 - Chemex Pharmaceuticals, Inc., Princeton, NJ, Clonogenic Assay of CHX 100, CHX 001, and Various Combinations Using MC-1 Equine Sarcoid Cell Line, Department of Veterinary Pathobiology (G. C. Johnson), 1 August 1986 through 30 November 1986. (Project 765598 - New)

\$10,000.00 - Brunswick Corporation, Marion, VA, Design for Dual Band Hybrid Radome Wall - High Frequency, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 9 June 1986 through 8 June 1987. (Project 765590 - New)

\$2,478.00 - Norwich-Eaton Pharmaceuticals, Inc., Norwich, NY, An Open-Label Study to Determine the Activity of Nitrofurantoin Repeat Action in the Treatment of Acute, Uncomplicated Urinary Tract Infections, Department of Internal Medicine (C. M. Kunin), 1 January 1985 through 30 June 1987. (Project 764645 - Continuation)

TOTAL - INDUSTRIAL AWARDS \$ 171,038.00

Other Non-Federal Research Contracts/Grants

\$84,612.00 - Indonesia Ministry of Education and Culture, Jakarta, Indonesia, Indonesian Visiting Scholar Program - Task Order B, College of Education - Administration (J. J. Buffer), 1 July 1986 through 31 December 1986. (Project 765362 - Continuation)

\$50,000.00 - Ohio University, Athens, OH, Analytical Systems for Evaluation of Transgenic Animal Performance, Department of Dairy Science - OARDC (F. L. Schanbacher), 1 July 1986 through 30 June 1987. (Project 765568 - New)

\$42,000.00 - Twenty-One Members of the National Postsecondary Alliance, National Postsecondary Alliance, The National Center for Research in Vocational Education (C. K. Hansen), 1 July 1986 through 30 June 1987. (Project 765434 - Continuation)

October 2 and 3, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$37,657.00 - Pennsylvania State Department of Education, Harrisburg, PA, Consortium for the Development of Professional Materials for Vocational Education - Pennsylvania, The National Center for Research in Vocational Education (C. K. Hansen), 1 July 1986 through 30 June 1987. (Project 765586 - Continuation)

\$36,399.00 - Battelle Memorial Institute, Columbus, OH, Chronic Toxicity Tests of Sodium Fluoride (Histopathology of Teeth and Bones), Department of Veterinary Pathobiology (S. E. Weisbrode), 1 October 1985 through 14 May 1987. (Project 765113 - Continuation)

\$25,000.00 - March of Dimes Birth Defects Foundation, White Plains, NY, Deletions in the Human Alpha- and Beta-Globin Gene Clusters, Department of Biochemistry (E. F. Vanin), 1 September 1986 through 31 August 1987. (Project 764942 - Continuation)

\$25,000.00 - March of Dimes Birth Defects Foundation, White Plains, NY, Isoactin Regulation in Vascular Smooth Muscle Cell Differentiation, Department of Anatomy (A. R. Strauch), 1 September 1986 through 31 August 1987. (Project 764958 - Continuation)

\$21,333.00 - Columbus Human Services Department, Columbus, OH, The Columbus Neighborhood Technical Assistance Program, Department of City and Regional Planning (S. I. Gordon), 1 October 1986 through 31 December 1986. (Project 765648 - Continuation)

\$20,000.00 - American Parkinson Disease Association, New York, NY, Potential Experimental Therapies to Modify the Course of Parkinson's Association, Department of Pharmacology (M. H. Neff), 1 July 1986 through 30 June 1987. (Project 765585 - New)

\$20,000.00 - Columbus Zoo, Powell, OH, Cooperative Research Program, - The Columbus Zoo and The Ohio State University, Department of Zoology (J. Bart and J. D. Harder), Department of Veterinary Pathobiology (J. R. Blakeslee, R. P. Herd and M. J. Tarr) and Department of Veterinary Clinical Sciences (H. M. Gardner), 1 July 1986 through 30 June 1987. (Project 765583 - New)

\$15,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Labeled Fatty Acids for Measurement of Cardiac Metabolism, Department of Radiology (P. B. Shaffer and J. O. Olsen), Department of Internal Medicine (P. F. Binkley) and University Hospitals (G. Hinkle), 1 July 1986 through 30 June 1987. (Project 765627 - New)

\$14,375.00 - Council on International Educational Exchange, New York, NY, Intensive English in the U.S.A. for Japanese Teachers of English, International Affairs (F. M. Firebaugh), 1 April 1986 through 31 December 1986. (Project 765247 - Continuation)

\$12,204.00 - Ohio Dominican College, Columbus, OH, Student Personnel in Higher Education, Department of Educational Policy and Leadership (R. F. Rodgers), 1 September 1986 through 31 May 1987. (Project 765601 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$10,400.00 - University of Pittsburgh, Pittsburgh, PA, NSABP Colo-Rectal Protocols, Department of Surgery (W. B. Farrar), 1 February 1986 through 31 January 1987. (Project 763581 - Continuation)

\$10,000.00 - California Department of Vocational Education, Sacramento, CA; Kentucky Department of Vocational Education, Frankfort, KY; Minnesota State Board of Education, St. Paul, MN; Nebraska Commission for Vocational Education, Lincoln, NE; and Tennessee Division of Vocational Education, Nashville, TN, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (C. K. Hansen), 1 July 1986 through 30 June 1987. (Project 765533 - Continuation)

\$6,820.00 - Children's Hospital Research Foundation, Columbus, OH, Vasoactive Intestinal Peptide in Diagnosis of Leukemia, Department of Internal Medicine (T. M. O'Dorisio), 1 July 1986 through 30 June 1987. (Project 765296 - Continuation)

\$4,000.00 - National Kidney Foundation of Central Ohio, Inc., Columbus, OH, Expression of Activation Antigens on Lymphocyte Subsets and Their Response to Cyclosporine, Department of Pathology (D. D. Sedmak and J. C. Neff), 1 July 1986 through 30 June 1987. (Project 765641 - New)

\$4,000.00 - National Kidney Foundation of Central Ohio, Inc., Columbus, OH, Osmoprotective Substances in the Kidney, Department of Internal Medicine (C. M. Kunin), 1 July 1986 through 30 June 1987. (Project 765554 - New)

\$3,000.00 - Electric Power Research Institute, Palo Alto, CA, Causes and Corrective Actions for Pitting in Steam Generator Tubing, Department of Metallurgical Engineering (S. S. Smialowska), 24 May 1983 through 30 September 1986. (Project 763582 - Continuation)

\$3,000.00 - State of Ohio, Department of Rehabilitation and Correction, Columbus, OH, National Corrections Education Consortium, The National Center for Research in Vocational Education (C. K. Hansen), 1 January 1986 through 31 December 1986. (Project 765109 - Continuation)

\$2,500.00 - American Dietetic Association Foundation, Chicago, IL, Bone Density in Subjects with Insulin Dependent Diabetes, Department of Internal Medicine (T. M. O'Dorisio, S. Cataland and B. Bossetti), 1 July 1986 through 30 June 1987. (Project 765640 - New)

\$2,500.00 - Georgia Department of Education, Atlanta, GA, National Career Guidance Consortium, The National Center for Research in Vocational Education (C. K. Hansen), 1 July 1986 through 30 June 1987. (Project 765651 - Continuation)

\$2,226.00 - Franklin County Mental Retardation and Developmental Disabilities Board, Columbus, OH, Preschool to School Transition Project for Children with Special Needs, Nisonger Center (V. L. Reynolds), 1 February 1986 through 31 January 1987. (Project 765426 - New)

\$2,022.00 - St. Louis Community College, St. Louis, MO, National Postsecondary Alliance, The National Center for Research in Vocational

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Education (C. K. Hansen), 1 July 1986 through 30 June 1987. (Project 765434 - Continuation)

\$1,999.00 - The Children's Hospital Foundation, Columbus, OH, CRYO-ROP Multi-Center Study, Department of Ophthalmology (D. L. Bremer), 1 June 1986 through 31 May 1987. (Project 765638 - New)

\$874.00 - Franklin County Mental Retardation and Developmental Disabilities Board, Columbus, OH, Early Childhood Classes, Nisonger Center (V. L. Reynolds), 1 October 1985 through 30 September 1986. (Project 764928 - Continuation)

\$126.00 - Cancer Therapy and Research Foundation, San Antonio, TX, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Internal Medicine (S. P. Balcerzak), 1 February 1985 through 30 June 1987. (Project 765208 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 457,047.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$299,990.00 - EPRI, Palo Alto, CA, "HVDC Converter Station Electromagnetic Noise Study," Department of Electrical Engineering, 4 August 1986 through 30 September 1987. (529714)

\$117,958.00 - Alcoa Laboratories, Alcoa Center, PA, "Improving the Corrosion Performance of Gr/Al and Gr/Mg Metal Matrix Composites by Electrochemical Engineering," Department of Metallurgical Engineering, 18 August 1986 through 17 August 1988. (529715)

\$34,353.00 - from 15 sponsors of 20 development projects under the direction of two engineering departments or research areas.

\$5,735.00 - Assurance Technical Services, Inc., Columbus, OH, "Study on Performance of High Efficiency Steam Turbine," Department of Mechanical Engineering, 10 July 1986 through 30 September 1986. (312883)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 458,036.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The A. Merle and Pearl (Gray) Hamilton Scholarship Fund

The A. Merle and Pearl (Gray) Hamilton Scholarship Fund was established October 3, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from A. Merle Hamilton, B.A., Arts and Sciences '29, and Peg (Pearl Gray) Hamilton, B.A., Arts and Sciences '28, of Marion, Ohio.

October 2 and 3, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The A. Merle and Pearl (Gray) Hamilton Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Twenty percent (20%) of the annual income shall be added to the fund's principal. The remaining eighty percent (80%) of the annual income shall be used to provide scholarship assistance to qualified students from Marion County who enroll at The Ohio State University, Marion Campus. One or more scholarships shall be awarded each year to students, giving preference to those who have declared agriculture, medicine, engineering, or one of the arts as their major course of study. The scholarship awards will be made to students who have demonstrated (1) financial need, or (2) a high degree of academic potential, or (3) scholastic ability. Should income from this fund not be awarded in any given year, then the income is to be added to the fund's principal. Selection of the scholarship recipients will be made by the University Committee on Student Financial Aid upon recommendation of the Dean and Director of The Ohio State University at Marion.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for student scholarship awards to students attending The Ohio State University from Marion County, Ohio.

**Carl F. and Marjorie Cottingham Obenauf
Agricultural Merit Scholarship**

The Carl F. and Marjorie Cottingham Obenauf Agricultural Merit Scholarship was established October 3, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Carl F. Obenauf, B.S.Agr. '43, and Marjorie Cottingham Obenauf, B.A., Arts and Sciences '43.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more agricultural merit scholarships for undergraduate students, who are United States citizens, and who intend to major in the food sciences in the College of Agriculture, including the Department of Food Science and Nutrition and programs in Food Technology. The criteria for selection shall include outstanding scholastic achievement and demonstrated leadership potential through extracurricular activities. Selections shall be made by the Assistant Dean for the College of Agriculture in consultation with the University Committee on Student Financial Aid.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Carl F. and Marjorie Cottingham Obenauf Agricultural Merit Scholarship (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Agriculture.

Holmes County 4-H Endowment Fund

The Holmes County 4-H Endowment Fund was established October 3, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Holmes County 4-H Committee and other friends of the Holmes County 4-H program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Holmes County 4-H program. This support may include, but is not limited to the funding of scholarships and awards for 4-H members, volunteer leaders and friends of 4-H; sponsoring seminars and supplementing 4-H programming, or increasing the visibility and public support for 4-H in Holmes County. All expenditures from this fund shall be approved by the Holmes County 4-H Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Ohio Cooperative Extension Service in consultation with a committee representing the local 4-H donors.

The Ashley Brittany Calhoon (ABC) 4-H Leadership/Scholarship Fund

The Ashley Brittany Calhoon (ABC) 4-H Leadership/Scholarship Fund was established October 3, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Thomas Franklin Calhoon II, (B.A., Social and Behavioral Sciences '71), a long-time member of the Ohio 4-H Foundation Board of Directors, and Donnette Calhoon, (B.S.Ed. '72), Columbus, Ohio. This gift is presented in honor of the first birthday (September 3, 1986) of the first grandchild (Brittany) of Gloria J. Wensing and in honor of the seven grandchildren of J. Thomas Calhoon (Ohio State University 1948-52) and Sarah Mae Calhoon: (Benjamin Samuel, Joshua Thomas, Brian Thomas, Sarah

October 2 and 3, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Ashley Brittany Calhoon (ABC) 4-H
Leadership/Scholarship Fund (contd)

Christina, Katherine Lindsey, Cara Christine, and Ashley Brittany Calhoon).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Eighty percent (80%) of the annual income shall provide scholarship(s) for students who have been active in the 4-H program and are now attending or have been accepted for enrollment at The Ohio State University. Twenty percent (20%) of the income shall be added to the fund's principal. Criteria for the scholarship shall include demonstrated leadership and above-average scholastic performance with preference given to those applicants from Franklin County. Selections shall be made by a committee appointed by the State 4-H Office in consultation with the University Committee on Student Financial Aid. If at all possible, at least one Calhoon Family member shall serve on the committee appointed by the State 4-H Office.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for 4-H programs.

The William J. Tyznik Equine Research Fund

The William J. Tyznik Equine Research Fund was established October 3, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Professor William J. Tyznik.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support research and equine nutrition as determined by a committee of no less than three faculty members. Recommendations of the committee shall be approved by the Department Chair. Should the need for Equine Research Support cease to exist or so diminish as to provide unused income, then the income shall be used to fund the William J. Tyznik Scholarship in Animal Science.

Should the need for the purposes described above cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate

October 2 and 3, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The William J. Tyznik Equine Research Fund (contd)

administrative official of the University who is then directly responsible for agricultural research.

Change of Name and Description of Named Fund

Allen County Ohio State University Alumni Club -
Ohio State University at Lima Scholarship Endowment Fund

The Allen County Ohio State University Association - The Ohio State University at Lima Scholarship Endowment Fund was established July 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Allen County Ohio State University Alumni Club. The name and description were changed October 3, 1986.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to students of academic merit who reside in Allen County and attend The Ohio State University at Lima. Selection of the recipient(s) shall be made by the Dean and Director of The Ohio State University at Lima with recommendations by the Financial Aids Officer and the Allen County Ohio State University Alumni Club Scholarship Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for The Ohio State University at Lima.

Change in Description of Named Fund

Ohio Staters, Inc.,
Outdoor Performance Center Endowment Fund

The Ohio Staters, Inc., Outdoor Performance Center Endowment Fund was established December 14, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members, alumni, and friends of Ohio Staters, Inc. The description was changed October 3, 1986.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

October 2 and 3, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Fund (contd)

Ohio Staters, Inc.,
Outdoor Performance Center Endowment Fund (contd)

The annual income and additional gifts shall be added to the principal for the purpose of establishing the Outdoor Performance Center at the Browning Amphitheatre in Mirror Lake Hollow, which shall be dedicated to the University on the 50th Anniversary of the incorporation of Ohio Staters, Inc.

Principal as well as income of the Endowment Fund may be expended for any one or more of the following purposes: (1) Planning, construction and maintenance of the Outdoor Performance Center and any additions and modifications thereto; and (2) Fund raising expenses for the purpose of supplementing the Endowment Fund.

Approval of all expenditures from the Endowment Fund shall be made by the affirmative vote of a majority of the Ohio Staters, Inc., Alumni Council, consisting of the President and Faculty Treasurer of Ohio Staters, Inc.; the Director of Alumni Affairs and the two co-chairmen of the 50th Anniversary Committee. Should either of the co-chairmen of the 50th Anniversary Committee resign, die or become permanently unable to serve, a replacement (who shall be a former member of Ohio Staters, Inc.) shall be appointed by vote of the remaining members of the Council.

Should the need for this fund cease to exist or should the Ohio Staters, Inc., Alumni Council cease to exist, the principal and income may be used as determined by the Board of Trustees for purposes consistent with the traditional projects of Ohio Staters, Inc., that have been of service to the University. In making such a determination, and if the Ohio Staters, Inc., Alumni Council is then in existence, the Board of Trustees shall give preference to such projects as shall be recommended to it for such purposes by such Council.

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ACQUISITION OF SUPERCOMPUTER

Resolution No. 87-38

Synopsis: Authorization to enter into agreements, without competitive bidding, to acquire supercomputing capability, is requested.

WHEREAS The Ohio State University has outstanding and nationally recognized computer-related research and teaching programs; and

WHEREAS to retain the competitive position of these programs and to enhance the quality and opportunities of research at the University, as well as at other colleges and universities throughout the state, there is a need for direct access to state-of-the-art supercomputers and for computer networking capabilities; and

WHEREAS the Board of Regents has approved a plan to establish an Ohio Supercomputer Center to be located at The Ohio State University; and

October 2 and 3, 1986 meeting, Board of Trustees

ACQUISITION OF SUPERCOMPUTER (contd)

WHEREAS the University's ad hoc committee on supercomputing, appointed by the Vice President for Research and Graduate Studies, has recommended that, based on performance and other technical considerations, a supercomputer developed by Cray Research, Inc., will best meet the supercomputing needs of the University and the State of Ohio; and

WHEREAS the appropriate University offices are in agreement as to the desirability of the acquisition and financing of supercomputing equipment developed by Cray Research, Inc., for this purpose and have determined that sufficient funds are available for this project:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration, in consultation with the Vice President for Research and Graduate Studies, be authorized to negotiate the terms of, and to enter into, without competitive bidding, such agreements, including purchase agreements, as are necessary or desirable to acquire, finance, install, equip, maintain, operate, and up-date interim current-generation and subsequent new-generation supercomputing equipment developed by or for use with Cray Research, Inc., supercomputing equipment.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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UNIVERSITY MEMBERSHIP IN UNIVERSITY HOSPITAL CONSORTIUM, INC.

Resolution No. 87-39

Synopsis: Authorization to become a member of the University Hospital Consortium, Inc., and to participate in joint purchasing activities is requested.

WHEREAS the University Hospital Consortium, Inc., is a nonprofit corporation organized and operated under the laws of the State of Minnesota and has no capital stock, and membership is limited to nonprofit entities which own or lease at least one nonprofit teaching hospital; and

WHEREAS the purpose of the corporation includes the development of high quality health care and efficient, effective, and economical operations and delivery of health care services at teaching hospitals; and

WHEREAS the University Hospital Consortium, Inc., owns all of the issued and outstanding capital stock of, and has assigned its interest in joint purchasing activities to, a Delaware corporation, University Hospital Consortium Services Corporation; and

WHEREAS The Ohio State University, on behalf of University Hospitals, wishes to become a member of this nonprofit corporation and to participate in these joint purchasing activities; and

WHEREAS the appropriate University offices and the University Hospitals Board have determined that participation in this Consortium is in the

October 2 and 3, 1986 meeting, Board of Trustees

UNIVERSITY MEMBERSHIP IN
UNIVERSITY HOSPITAL CONSORTIUM, INC. (contd)

best interest of the University; and

WHEREAS at their September 25, 1986 meeting, the University Hospitals Board voted to approve this recommendation:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, on behalf of the University, to join the University Hospital Consortium, Inc., upon such terms and conditions as are in the best interest of the University, and that, in accordance with the University's Purchasing Policy, the University be permitted to participate in joint purchasing activities through this Consortium.

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 87-40

RESOLVED, That the report on the University's Investment Portfolio, dated September 19, 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, November 6, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

Daniel M. Galbreath
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND TWENTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 7, 1986

The Board of Trustees met at its regular monthly meeting on Friday, November 7 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *
Minutes of the last meeting were approved.
* * *

November 7, 1986 meeting, Board of Trustees

The Chairman, Mr. Galbreath, called the meeting of the Board of Trustees to order on November 7, 1986, at 10:30 a.m. He requested the Secretary to call the roll.

Present: Daniel M. Galbreath, Chairman, Edmund C. Redman, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and John W. Kessler.

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Mr. Galbreath made the following comments:

Mr. President, before I ask you for your presentation, I would like to make a couple of comments. One, I don't know how many people in the room noticed that our Seal has been changed -- "1870." That is well done, whoever pulled that one off.

President Jennings:

Dan Heinlen.

Mr. Galbreath:

Secondly, I would like for my colleagues to understand that Debbie Casto will away from our Board for a couple of months, due to some surgery that she is dealing with. Scottie, I would like to ask if you would keep us up-to-date on that. When she does have surgery, let us know and then maybe get an address where we can drop her a note. Will you do that for us?

Mr. Scott:

I certainly will, Sir.

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ENROLLMENT - AUTUMN QUARTER 1986

Mr. Galbreath:

President Jennings will you report to us on the Autumn Quarter enrollment.

President Jennings:

Thank you, Mr. Chairman. I would like to call on Mr. Ihrig to bring us up-to-date on the Autumn Quarter enrollment.

Mr. Ihrig:

Thank you. Earlier in the Fiscal Affairs Committee, Mr. Teaford commented on our excellent projections on the budget through the first quarter. Now we will go the other direction and have to admit how lousily we project on enrollment. A perfect example of having an infinite amount of data, but the actual facts and knowing what we are doing are very difficult to find.

The enrollment for the entire University for the Autumn Quarter 1986 is 58,838 students. That is 1,113 students more than it was a year ago. The Columbus campus is 53,880 students, which

November 7, 1986 meeting, Board of Trustees

ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Mr. Ihrig: (contd)

instead of being one fewer student than we had a year ago, as our target indicated, we have actually 681 students more than a year ago on the Columbus campus. The other good news is that the regional campuses are up significantly this year: Lima is up to 1,154, that is an increase of 76; Mansfield is up to 1,141, an increase of 66; Marion is up to 983, an increase of 140 -- that is over a 16 percent increase. Similarly, Newark is up to 1,122, a 162 student increase, about a 17 percent increase; and Wooster is at approximately the same level as last year, 390, that is 7 fewer than the 397 a year ago. So the regional campuses are very strong and the enrollments around the State reflected that. The branch campuses at all the institutions had the largest increase in the preliminary Regents' data that they put out in October. The universities around the State were the other high increase this year.

If you turn to the second page of the separate handout on Enrollment, Table 2, the new first quarter freshmen number shows that we have one more entering freshmen than a year ago -- 6,863, and we had one fewer last year. If you remember correctly when we came to this Board last November, we had the problem with the large number of admission applications in the freshmen area. We had over 17,000 applications for admission. We projected at that time, with the mid-November cut-off, that we would have 7,500 new entering freshmen this year. Well, our projections are so great that we are right at last year's level. A lot of this has to do with the rapid influx of applications and having a calendar-type cut-off. As we add more applications, all of the various trends of the past have just been depleted. From the standpoint of admissions to applications, we had over a three percent drop in retention. Even acceptance fees paid had a two percent drop in one year, over the number of students who actually enrolled. So while we projected a significant increase in the freshman class, we remained at last year's level.

The other good news is that the retention in the University continues to increase, especially at the upper-division levels. The continuing students increased by three percent over last year. The other great news is that in the Graduate School we had an increase of 659 students. We went over 10,000, to 10,203 on the Columbus campus. That was due to a combination of new graduate students, plus the retention of graduate students. And as we are looking at graduate and upper-division education emphasis with our enrollment models, this is indeed very good news. The professional enrollments stayed approximately the same, as we expected.

Now while we have had these significant increases in actual numbers of students, the key question is what it does to our enrollment limitation and the subsidy. We think the subsidy, again, by the mix of students and the credit hours will come out to about where we projected dollar-wise. On the overenrollment figure, while the final data are not in with regard to that -- I am going to estimate again and I'll probably come back in December and change this number, but I think I'm close this time

November 7, 1986 meeting, Board of Trustees

ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Mr. Ihrig: (contd)

-- that we are looking at an overenrollment of 749 students, compared to 890 last year. So the interesting trend on this is that we have over 600 more students than we projected in our model. At the same time, we projected that we would be overenrolled by about 1300 this year and we are actually going to be overenrolled by half that, 749. Now, what that means is that there are fewer credit hours being taken by the students and our data shows -- if you turn back three pages to Table 5, you see full-time equivalents. You get that by taking the total credit hours enrolled by the students and dividing by 15, as an overall full-time equivalent estimate. We are showing on the Columbus campus that while head counts went up by over 600, FTE actually went down by 368. So we are having more students that are taking a lower load. A significant part of this is an increase in the numbers of part-time students in the undergraduate and graduate levels in this Institution. While the data aren't there, the part-time students and the undergraduates on the Columbus campus increased by 750 this year, and the graduate part-time enrollments increased by 706.

Mr. Galbreath:

Does that mean that a lot of the students now are working their way through school?

Mr. Ihrig:

Right. These students are usually holding full-time jobs elsewhere and come to Campus to take one or two courses a quarter.

Mr. Galbreath:

At the undergraduate level?

Mr. Ihrig:

Both undergraduate and graduate. People from around the Campus are indicating that there are more working students on the Campus. I have my own personal -- what I call the "freeway theory" -- and that is based upon the number of cars early in the morning on the freeway. There are more people in the Central Ohio area, therefore there are more people wanting to get an advanced education. And we have heard from comments around the University, that there are students on this Campus that see where they are in their careers, they have made a decision that they need more education to advance their careers, and they are coming back for that.

President Jennings:

That is part of becoming a big city.

Mr. Galbreath:

Is this any reflection on the selective enrollment policy which

November 7, 1986 meeting, Board of Trustees

ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Mr. Galbreath: (contd)

we adopted earlier this year?

Mr. Ihrig:

No.

President Jennings:

Let me bring that up. This, of course, is the last enrollment report on the so called historic open-admissions. The enrollment report will undoubtedly be extraordinarily different next year, because our projection models -- as bad as they are today -- all go out the window for next year, because of this brand new admissions policy at The Ohio State University. While we can draw on experience of other universities, we can draw on experience of some of the norms in higher education, the reality is that in establishing our numbers and our policies for next year, we will be using statistics that we have very little history for at Ohio State. So that next year, I would expect that we are going to be plus or minus some larger numbers than we are this year.

Mr. Teaford:

No confidence?

President Jennings:

I have great confidence, but they don't have any numbers. They are, for example, dealing with a statistic that says that 52 percent of the applications that we accept will come to Ohio State. Well, that is a historic number at other institutions, it has some history here, but doesn't really have any empirical basis that we know of. So if the number is higher, we are going to get more students than we can handle. If the number is lower, we will get fewer students. I expect that it is going to take several years to get fairly good statistics with this new admissions policy. The point is we are going to be flying blind in terms of numbers for the next two or three years.

Mr. Galbreath:

But you don't think that anticipation of the different enrollment policy for next year is one of the reasons that you have had a little bit of a surge this year?

President Jennings:

No, I don't think so.

Mr. Ihrig:

No. This year the surge in applications was due to our continually moving forward the deadline date for applying. The students understand that Ohio State is going to close earlier every year; therefore, they rush their applications in. They

November 7, 1986 meeting, Board of Trustees

ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Mr. Ihrig: (contd)

are what I would call "phantom applications," where they just want to make sure they had their foot in the door in case some other opportunities don't come through.

President Jennings:

That is one of the problems with this. What we are dealing with here are numbers that decisions were made on back in November of 1985. This was six months before we announced the selective admissions -- one reason we have gone to selective admissions. The other problem that I'd like Myles Brand, our Provost, to discuss a bit is in the minority area. As you know, it is our feeling that our open-admissions policies of times gone by have been one of the causes of our continued low numbers of minorities coming into this Institution. When we close off enrollment in November, it is very difficult for the first generation educated person to get the proper parental guidance, the proper guidance counseling, to apply that early. We expect our new selective admissions policies to make some substantial improvements in our minority population at Ohio State. I'd like Myles to take a minute or two to bring us up-to-date on what we are doing in order to improve that situation.

Dr. Brand:

Thank you. Over the last decade or so, there has been nationally a decrease in the number of black students attending universities and colleges. There is, therefore, a decreasing pool of black students available to Ohio State University as well as other institutions. That, combined with the fact that we have a new admission policy that enables students to apply later in the year and allows us to recruit and attract them for a longer period of time, presents new opportunities. We thought a new initiative in trying to attract black students to The Ohio State University was necessary. We created a task force on Black Student Recruitment, whose goal is to identify and recruit qualified black students. We are concerned with that population that has the best opportunity to be retained and exit from our programs. It doesn't do anyone any good to come in and then drop out. So, we are looking for qualified students that we can bring through the entire four-year process.

This task force has a short-term goal of bringing the opportunities presented by the new selective admissions policies to the attention of the communities; and a long-term goal of providing recruitment strategies to attract qualified black students. The task force is advisory to the Office of Minority Affairs. At this time, I would like to call on Sue Blanshan, who is the administrative facilitator for this task force, as well as Professor William Moore, who is the chairperson of the force.

Professor Moore:

Good morning, Mr. President, Mr. Chairman, and others. Let me give you about two minutes of background. Three weeks ago or

November 7, 1986 meeting, Board of Trustees

ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Professor Moore: (contd)

so, I was in San Antonio, and received an urgent phone call. I couldn't imagine what had happened. I thought I left everything in order when I left my office. Well, to make a long story short, I spoke to Sue, who indicated that Dr. Brand was interested in establishing a task force on enrollment, particularly targeted for black students. As you know, with regard to minority students, the other areas of minority students are increasing -- some greatly, some slightly, but increasing. And for about the last ten years, almost ten years now, the number of black students enrolled in colleges and universities in this country has been decreasing. So that was the concern.

Ohio State has a long history of being involved with black students. You have heard the President mention many times about our success in graduate education and the number of Ph.D.'s that we turn out and so on, but that really didn't do a great deal for the students coming in now. He felt, I felt, and I'm really interested in this area of how do you reach students before the graduate-level. By the time they reach there they are on their own, they can do what they need to do. How do you go out and find other students? To his great credit, he chose a very interesting group of people to work with us. Across this State he found important persons: Judge Robert Duncan, Bob Dorsey, William Grimes, and Archie Griffin. That gives you some idea of the spread of people who work on this committee, whose job it is to come up with both long-range and short-range plans and strategies to attract black students, particularly, at the freshman level.

I enjoy working with this group of people, not only are they distinguished but they have to at least operate in self-defense. Because the first thing I said was that I expected to meet on Saturdays and Sundays. They didn't smile upon that, so we agreed to meet at 7:00 or 7:30 a.m. By the second meeting we had our subcommittees working. These are quite professional people, they are hard workers, they are eager, and we are well on the move. The word has gotten out across the community and I am getting telephone calls from other people who have some concern in being involved in this initiative. Some are doing it in other ways -- in many different ways.

In the three weeks that we have been involved, Frank Hale has come in and made a presentation to us about his initiatives and the kinds of things that he is doing. We have had presentations from members of the subcommittees already and we expect to have another one on Tuesday and so on. We are eager to move and there are many ideas. We are getting considerable assistance from the Provost's Office. He has said the resources are there, as long as we are reasonable. Well, we are going to challenge him to see if he really means what he says. At this juncture, we are moving. We are satisfied with the people that we have and we hope we have continued cooperation. If you have any questions, I am here to act, react and interact with you.

November 7, 1986 meeting, Board of Trustees

ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Mrs. Bowser:

Are you recruiting only in the State of Ohio?

Professor Moore:

Our primary target is the State of Ohio, but this question has come up. We have brought it to the attention of the Provost and he indicates while we are most concerned with the State of Ohio, that does not preclude spreading the net wider. As you know, it is a very real problem in finding a large -- well there is no large pool. That there is a pool of minorities and we have to compete for them, it becomes a little problematic. We are competing for those that we hope will make it. I said to Dr. Brand, if you are looking for bodies I am not the guy to be involved with this. I just refuse to do that. I went through that for 10 or 15 years between 1960 and 1975. But if we are really looking for students that we believe are going to make it then --

Mr. Galbreath:

You say compete, who are we competing with?

Professor Moore:

Well, for those very bright students, we are competing with everyone. We are competing primarily with the top Eastern schools. And we are competing with the Adams states, that is, those states that were under litigation for integration. Now, we happen to be an Adams state at this time, but a package that they provide in the Adams states and the packages that are provided by the Eastern schools at this juncture are larger packages than we provide.

Mr. Galbreath:

So when you say competing, we are competing with other institutions, not with the job market.

Professor Moore:

Well, we are competing with both, really, but certainly more with other institutions than with the job market for freshmen. Remember, we are talking about freshmen students, very bright students, and so on. We really have a job ahead of us, because we would like to identify and attract some 700 students by next fall.

Mr. Galbreath:

What I was trying to distinguish is that we're -- it is not a matter of convincing them to go to college, as opposed to go to work, you are trying --

Professor Moore:

Not this particular group of students.

November 7, 1986 meeting, Board of Trustees

ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Mr. Galbreath:

You're really competing with the other institutions.

Professor Moore:

Yes.

Mr. Teaford:

I take it do we have a program to increase that pool -- to recognize that as a long-range goal.

Professor Moore:

Well, we have both long-range and short-range goals. Many of the initiatives that have been taken by Frank Hale and others produce some students in this category, but more at the graduate-level than at the undergraduate-level. So, yes, we do have things that are operative at the University, but we realize that we have to do a great deal more.

Mr. Galbreath:

Is a part of the competition, scholarships?

Professor Moore:

Yes.

Mr. Galbreath:

So the Harvards, and whatever over there are offering scholarships. Can we compete on that basis?

Professor Moore:

At this juncture, we are not competing on that basis. I am sure much of that will depend upon what you do and others -- you as the Board, and other kinds of considerations we have. In a sense, many of these institutions go out and literally buy students.

Mr. Galbreath:

Yes, right, through scholarships.

Professor Moore:

Lots of us can be bought, but when they see what is available it becomes very interesting. You see the subsistence kind of support we provided students through the '60's worked very well, but now we have to do a great deal more. To give you an example, forty percent of the families, black families, in the State of Ohio earn \$18,000 or less. There is a close correlation between college attendance and family income. And only twenty-one percent of the families in this State earn \$30,000 or above. So, even the ones earning \$30,000 find it

November 7, 1986 meeting, Board of Trustees

ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Professor Moore: (contd)

difficult to support a college education, even at a college like Ohio State which is relatively inexpensive compared to many institutions.

Mr. Galbreath:

So the scholarship program is a part of what you are working with.

Professor Moore:

Oh, yes. We are to come in with suggestions and strategies -- some of them will work, some of them maybe will not work, but we've got to dream. To the credit of this community, I'm getting calls from people saying, "I hear you are doing this, did you know..." "You're doing this, well we are doing this as well." What we'd like to do is to find ways to bring all of these together, so the effort is one that is not fragmented, but one that has a unified focus and we can bring these students in. But you do have to realize that we are up against a formidable competitors in this country.

Mr. Teafor:

That's why, I think, the pool increase is essential in the long run. Because, in the first place, the pool is far too small compared to the population. I think that it is only a question of not making the opportunities that are here known and at an early enough age to increase that pool.

Dr. Brand:

May I comment on that? The trends, unfortunately, nationally show decreasing pools of the students from the black communities that are attending colleges at all. So it is not a local issue; it really is a national issue. We will do what we can to increase the pool, but there may be factors beyond our local control that are affecting the situation.

Professor Moore:

Yes, there is less than a one percent difference between what happens at Ohio State and what happens across the nation with regard to this. So it is a problem that is recognized nation-wide and everybody sees the need to do something about it and they are doing something about it. The problem is that we are dealing with a biased market in a sense. And these very bright students are conning the counselors in high schools all over the country. I talked to a mother yesterday morning who indicated that her son is a tenth grader, but he looks like a great prospect. He has had offers already from three universities --

Mr. Galbreath:

And he is a sophomore in high school?

November 7, 1986 meeting, Board of Trustees

ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Professor Moore:

Yes, he is a sophomore in high school.

Mr. Teaford:

Well, I think, we can only communicate to that population that being able to dribble a basketball is not the only way to go to college.

Mr. Tobin:

Do we have outreach programs that get into the junior and high school levels?

Professor Moore:

We do have those, yes. I would like to see it much more broadly based. You see, I would like to see us start about fifth grade. I don't mean seventh grade, that is almost too late. I would like to start about fifth grade and do the things I saw Sam Shepard do back in the mid-fifties and so on. Target those students, bring them in early on, give dinners and other kinds of things for counselors and other people who were involved. In other words, we are buying the students in a sense; give awards, certificates, and all the things that people like to hang on walls. You know, they don't cost much, but it makes them feel important. And they become a part of what we do, our effort. We will really have it made when we can be as ingenious, I suspect, at finding these students as we are finding athletes. You ought to hear them talk about how ingenious our methods are. Maybe we need to learn something from those methods. To find a good halfback, you know, we'll go by mule pack, if necessary, but we will find him. Well, I've talked too much, but I think you have my point.

President Jennings:

Well, part of this is economics, but also -- and that's why I think Bill put so much emphasis on the fifth grade or fourth grade. Part of it is developing an attitude about going to college. Here again, it is first generation educated. The second and third generation educated already have that attitude, but that first generation educated doesn't know what college is. There is a bias in our society right now to send the young black student, if he is going post-high school, to technical school for vocational preparation. But society has got to develop the attitude that higher education is important, can allow one to accomplish goals, and that it is available.

Dr. Blanshan:

A bit of the task force discussion, even in these early days, talked about the two phases of increasing the pool that Mr. Galbreath and Mr. Teaford ask about. There have been some suggestions, in terms of the possibility, that indeed we can increase the number of black students who are graduating from high school, but not applying to college. That there are some

November 7, 1986 meeting, Board of Trustees

ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Dr. Blanshan: (contd)

programs that can build a bridge to the University with those students. There are not huge numbers there right now, but there are some in answer to your question. And then there are the kinds of models that reach back to the middle school or even the grade school to begin some familiarizing in links with what the college/university experience is about. That work has begun and we have some programs. I hear from the members of the task force that there is a lot of interest in looking at that. Because there is a belief that if we, in the long run, really are going to do our job, the whole educational system must work together. I think we will have some really wonderful, creative suggestions.

Mr. Tobin:

The University of Illinois has a program that has been in place for a long time called the "Presidential Scholars Program." It receives a lot of corporate support and has been very effective in terms of identifying and cultivating youngsters even in the primary school level.

President Jennings:

I also think it is important to recognize in all of this, while these long-run approaches, I think, are extraordinarily important, we also should recognize that we have put a fairly major charge to this committee, to the Provost and to Sue. When Bill talks about 700 minorities coming next fall, we are essentially expecting to be able to report to you a doubling of minority enrollment, of black enrollment, next fall. Now, we might not accomplish that, but I am a believer in setting a goal and I think with a lot of support we can do that or at worst make very substantial short-run progress. But we do have to do the long-run activity also.

Mr. Berry:

Ed, your statement there -- 700 would be about 10 percent of the entering class, is that right?

President Jennings:

Twelve percent.

Mr. Berry:

Twelve, all right. You said it would be doubling what we have now, so we have about 350 in this present class?

President Jennings:

That is about right.

Mr. Ihrig:

Three hundred and sixty one, exactly.

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ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Mr. Berry:

In other words, you are going to be more selective and still try to double it.

President Jennings:

You see, I think that we also should recognize that selectivity in admissions allows us to do this because in times gone by -- last year we announced on November 15 that we had closed admissions. Most first generation educated people, this is not just minority, but first generation educated people have not been thinking about applying to a university in October. Now we have the time opportunities during this to encourage activity. But, I think, just as important from a purely practical point of view, without delving into politics at all, the great strength of our American universities and of Ohio State is our diversity. And if we have a segment of the population that is left out of this University, our excellence hurts, and it hurts very badly. Because the part of the great American educational system, part of its excellence world-wide is having all segments of the population represented in our University. With 350 entering freshmen we don't have enough of that diversity at Ohio State and we must bring in more, otherwise our excellence will hurt. We will not be as good as we can be.

Mr. Galbreath:

What is the most appealing sales pitch, or what means the most to these minority students when you talk to them about going to Ohio State? Does an Archie Griffin calling on them have that much influence, or is it the fact that financially they can go to Ohio State? What are the top elements that are the most --

Professor Moore:

Well, an Archie Griffin is always a good sales pitch, but they soon get over that. You know, he's nice, he's good, he carries the football and so on, but after a while they get over that sort of thing. They are interested first of all in support for going to school. All of the research work shows that this is a concern of the students, not only black students, but students across the board, but particularly of black students because the family incomes are so low. That is the first thing they are concerned about.

The second thing that they are concerned about is, how will I fit in. That is the obvious concern. You mention 361 freshmen coming in and 53,000 people -- can I fit in, will I be O.K. In this light the work that Russ Spillman is doing and Frank -- they try to buttress the problem of what you are going to run into, so you don't feel so isolated. But it is hard to go to a large school like this and not feel isolated, as the research also shows -- wherever you happen to be. That is particularly true with minority students.

The third thing is, as you might imagine, where can I have a good time. They usually know about High Street and the Oval

November 7, 1986 meeting, Board of Trustees

ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Professor Moore: (contd)

even before they get here. So, support to make it and the ability to be able to fit in and to take an active role are important. And they run into problems with that quite frankly, and as we all know, but that is not insurmountable.

Dr. Blanshan:

Recruitment is really a multi-stage process. Even before these issues, one of the areas is that personalized contact from alumni and from current students who are black, so that they feel that there is someone that knows the Institution, that is getting to know them, that helps linking them in. Because from the application point to the actual enrollment point, we lose about half the students. Now, what we quite honestly have to do with this task force this year is we want every black student who applies, to enroll. One of things that will help us do that is to personalize that contact from the application to the enrollment period.

Mr. Tobin:

Are our black alumni being involved in the process?

Dr. Blanshan:

We are at the point where the task force is talking about strategies and it is premature to say absolutely it is going to be done, but it sure is sounding like it.

Professor Moore:

But to be more specific in answer to your question, to the degree that they ought to be, the answer is no. Even the extra steps that we have taken in the past have not really addressed black alumni the way they should. That is even true in predominately black institutions. For one reason or another we have never addressed the black alumni in the way we should have in whatever type of institution. So, I think, not the way they should be, but I really think you want to be. When we talk to them usually, that community -- and I'm a part of that community -- sometimes I'm a part of that community, I wonder about that at times -- when you talk to the community they ask what can we do. But the second thing they ask us is, once we give suggestions, do they pay any attention to us. There is always that kind of problem with --

Mr. Tobin:

That's true of all of them --

Mr. Scott:

Tom, as you know, in Columbus, a group of folks from the Merry Makers, for example, just one isolated group, have been very, very much involved in some targeted group activities and

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ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Mr. Scott: (contd)

fund-raising for scholarships, etc. Now I think, Bill, on your committee there must be at least two or three --

Dr. Blanshan:

Colleen McMurray, whose husband is in Merry Makers, is on the task force.

Professor Moore:

And the Links, of course, you remember Ohio State sponsored an affair for the Links about two or three years ago. Bill Preston who is in Washington now, did a great deal in working with the people here and so on. So there are Links out there and in many ways it is pretty much the position Ohio State was in a few years ago when the business community of Columbus was on one end of High Street and the University on the other, and they never really started to come together. Well about five years ago, you may recall, we had that push and look what has happened now. It seems to me a tremendous kind of activity takes place as we have brought these two communities together. It was not always easy, you know, we both came in kicking and screaming, I suppose.

Mr. Tobin:

Bill or Sue, how does our financial aid package for a minority student with total need compare with other institutions in the State of Ohio, when competing in the same pool?

Professor Moore:

Well, in the State of Ohio it is about the same.

Dr. Blanshan:

The issue, I think, with the financial aid package addresses the kind of elite academic student that everybody is competing for and willing to buy, which is one issue. But the other issue is that our black students have, if you will, a much smaller margin of error for their financial aid package. Being short a \$100, \$200, or \$500, could pivot them into a drop out situation, where it might not for another student.

Mr. Tobin:

Or in going to school at home, or in coming to Columbus.

Professor Moore:

Well, what they have to do in a situation where they are not getting not enough money, not having adequate resources, they go out and start to work. Now you see them having some difficulty, academic difficulty, many of them do not having the kind of academic backgrounds some of them should have. They come here or elsewhere, they get a few dollars in the EOG grants or other kinds of grants, then they go out and get a part-time job to

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ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Professor Moore: (contd)

augment that and that takes more time away from studying and so on. Whereas the eastern colleges mentioned a little earlier, they will provide them with full resources, and that does make a difference.

President Jennings:

See the scholarship issue -- I think what we have to continue to keep in mind, is that we are a land-grant institution, we have done this before, targeted groups. We need to be able to continue to provide the economic resources that a group or all groups of students need. There is no reason a student should not come to Ohio State because of finances. Now, some are better, but a student should be able to afford to come to Ohio State. Now, we expect things out of the student and so forth, but financial aid becomes -- I'm convinced that we can deal with this on an economic basis.

Professor Moore:

Just one final point. We do have to -- and we have alluded to it earlier -- we do have to give attention to preparation, which is another reason they do not come. The pool is small because so many of them are not prepared as they should be. On the ACT, for example, that has a range of one to thirty-six. The average ACT composite score for Ohio, for example, is 13.4 among black students. So you can see that the job is a terrific job and why Dr. Brand and others have said we have got to start earlier. Now for the sons and daughters of people of the Merry Makers, you don't have to worry about that, but for the others it is another problem.

President Jennings:

I think, Bill, it is also important to point out that again that ACT test score gap -- we also know that those gaps have existed with other minority groups, historically, that are not minority groups today. That this is not an unusual phenomena when you are dealing with first generation educated. That this is not a racial situation, this is an educational opportunity situation that has existed. You can tick off minority groups, historically, who have started with low ACT scores on the average and now they are into the system. Education is important for all.

Professor Moore:

Well, the increase we are seeing among minority groups is the Spanish speaking, which is unbelievable in terms of where they were.

Dr. Blanshan:

On the ACT scores, also, we do have some good institutional studies that indicate there is a range of scores that we consider lower -- not the best students, but lower scores that we know those kids can succeed here. We've got documentation of

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ENROLLMENT - AUTUMN QUARTER 1986 (contd)

Dr. Blanshan: (contd)

a range that is acceptable in terms of success, good success at completing a degree. And then there is a level below which we know if we don't get more help in the earlier educational levels, in terms of college preparation, those students will not have a chance to succeed at the University. And that is where we can work with other systems as well.

Mr. Tobin:

How well do we do on recruiting black students right here in Central Ohio, in Columbus?

Professor Moore:

Well we don't do as well as we were able to do a few years ago. That is one of those things that we don't quite understand. A part of it has to do with just the number of students who are going to school. Since that number has been decreasing we can't really tell. But I recall seeing a figure just recently that about 75 percent of those very bright students go elsewhere.

President Jennings:

Bill, thank you very much. It is an exciting program and we thank you for your efforts on this and I look forward to great progress.

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President Jennings:

I would like to call on Dr. Al Kuhn to bring us up-to-date on the activities he is engaged in and the development and continuing progress for our Honors Program. I think you all know, Al. He is now doing what we all long to do; he was a bureaucrat here and now he is back to doing real stuff on the faculty. Al --

Dr. Kuhn:

Thank you, President Jennings. Mr. Chairman, Members of the Board, I am delighted to report on my activities working with the Honors Program in the University. Let me give you some highlights of things of interest to us all.

You know about the national concern for the quality of undergraduate education all over the country. This week's Chronicle of Higher Education prints a report of, I would say, deep and grave concern about the state of health of undergraduate programs, the coherence of these programs, their directions, depth vs. breadth, vocationalism, that kind of thing.

There is with all of this a keen national competition for the best students. It is a fierce competition for the best students and not just minority students. Because the issue is, of

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Dr. Kuhn: (contd)

course, leadership and talent for the next century. It is as simple as that. The institutions are in competition with each other for the talented and the high ability students, and the world is in competition for the same kind of talent. Well, here at our own University, we're reflecting these concerns by looking at aspects of the undergraduate program, and the selective admissions, which, as the President spoke a moment ago, seeks to provide at once a more diverse undergraduate student body and yet a more stable one; therefore, a more qualitative one.

Honors simply hopes to highlight these endeavors and to help set standards and to be in the forefront of the pursuit of excellence. As all of you know, the University has traditionally had many honors programs. This is not a new endeavor. The College of Agriculture has had a long and distinguished program, and in the Arts and Sciences there are distinguished honors programs. With the recent initiatives, the creation of a university-wide office that I direct, we are seeking to facilitate, support, encourage, to be cheerleaders of university-wide efforts to support what is established and to bring new initiatives. All of us understand that honors programs are not imposed, these are things finally that faculty members are interested in and press forward themselves. And so we want to encourage individual and departmental initiatives.

Our agenda is fairly simple. A major one is the recruitment of highly-abled students. You know about our Battelle and our Joyce scholarships, and about our national achievement and national merit scholarships. And the various colleges have many such scholarships for talented students. Our office is also working with Frank Hale in attracting top minority scholars. Just as a kind of anecdote to Bill's point, one of the top minority scholars, a valedictorian of one of the City's high schools last year -- we offered her a scholarship which was -- well she had national offers and finally chose the University of Chicago which offered her \$12,500 for a single year -- which would have been about our four years. But I am just talking about this sort of competition which is for the very exotic. In an instance like that, you tell a student, well, this is a personal choice. It might be in the way, really, of trying to get that student to come here when the choice is another institution. That is also a dimension of really trying to attract a top scholar.

To help the recruitment of able scholars we are proposing to set up a University Honors Society, which will be a kind of umbrella organization that will seek to attract talented high school students. It will be a membership organization, they will be invited to join. The benefits of this organization will be special faculty advisement, entry to honors courses, our assistance in getting scholarships and aid for them. But more than that it gives talented students a new sense of identity and we hope aspiration to fulfill their talents. We hope that that will be an effective recruitment devise.

In academic programming, across the Institution, we are assisting various new efforts in honors programming. The

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Dr. Kuhn: (contd)

College of Arts, Architecture, and several other units are beginning new initiatives there. Currently there are about 150 honors courses taught during the three quarters of the academic year. The class size is typically twenty to twenty-five students. These 150 courses would enroll then about 2,000 to 2,500 students. I am teaching an introductory Shakespeare to brand new first quarter freshmen; these students I am teaching would be eligible for this Honors Society. I think that the course I am teaching is fairly typical of the Honors approach. Which is an intensive kind of one on one, intellectual experience for students in which the development of intellectual concernment, the ability to read sensitively, to write sensitively, to speak sensitively are all goals. And because I have twenty students and because I assign them three different essays spaced throughout the quarter, they usually wind-up writing about six essays. It is because they keep rewriting. I reference this, not to call attention to myself, but to the kind of individual attention that an Honors experience can provide. An academic enrichment that is at once both penetrating and broad. That generally is the kind of standard that we would like for Honors students generally. I draw a distinction between the highly-abled student and the Honors student. We get many, many highly-abled students. Many of those students pursue a very narrow path, in part, because their curriculum forces them to it and there isn't time enough to explore other things. But what Honors is hoping to do all over Campus, is to convert the high ability or the talented students into Honors students. To have them undertake challenging experiences, to take some risks, to not only learn a discipline, but to understand something about its moral, social, ethical implications -- in short its future and their future. So these are some of the kinds of things we try to support in our Honors academic programs. For example, independent research or a senior thesis is key to this kind of thing. The Carnegie Commission report, interestingly enough, recommends that every senior be required to write a thesis. That is the kind ideal that we're holding up for Honors.

Well, in short then our Honors efforts and our academic programs really speak to the enriched major, to independent research, to depth and breadth and discipline, in short, a more broadly educated person. I guess we are really speaking very fundamentally about the difference between training and education. We want to take the highly able students and turn them into students who take on the risks of the Honors experience. We want, therefore, to try to attract more scholarship money to the Honors enterprise. There is in the Capital Campaign, a \$5 million item for scholarships -- this over and above the individual college goals. The University Honors Center wants to be actively involved in defining perhaps a new level of prestigious scholarship that would be like our Joyce or our Battelle scholars to attract the most abled students.

The third emphasis then in the University Honors Center is the living/learning environment for talented students once they're here. We want to reinforce, support, and extend classroom work into the residence halls. Not to say that that doesn't go on

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Dr. Kuhn: (contd)

now, but -- I want to, in a moment, show a slide or two about Taylor Tower and the Honors Living/Learning Center, where through informal seminars, where through piggybacking upon events that go on in the University, like the Schooler Reese lectures, like the recent lectures on nuclear deterrence. We try to involve students especially in those programs through some dormitory or residence hall programs. So that there is in effect the effort to broaden the intellectual, emotional growth of students, the emphasis is upon cultivation. Last night, for example, Christian Badea was at Taylor. Also at one of the programs we had Frank Wobst from Huntington Bank who came up to talk with students on the theme, "What would happen tomorrow if all the Latin American Countries who owe us money defaulted?" A very interesting presentation and frightening for some business majors.

Mr. Galbreath:

What was his answer?

Dr. Kuhn:

It had something to do with Huntington National. Well, we look forward to extending this kind of thing into other areas, not necessarily in creating whole new other residence halls, but perhaps floors or suites or little communities of enterprising students of that sort. And, of course, we look forward to the refurbishment of Honors House. That will be the new home of the Honors Center and the tentative plans, as Dick Jackson has talked with us about that, is maybe get us in there on a temporary basis as the architects work around us or whatever. As planned, we are going to have a student seminar room there. Classes will actually be conducted there. There will be rooms for student organizations and honoraries, Mortor Board, Phi Beta Kappa, Phi Eta Sigma, that kind of thing. There are exciting prospects, in short, for that splendid old building on that splendid part of the campus. It can be the literal center and the symbolic center of Honors on campus. Now if I can show just a few slides, five or six here.

This is Taylor Tower, of course, named for Jacob Taylor, who was a business vice president. It has in it 831 honors students or they're mostly honors students. You'll see that there are 47 percent females, 53 percent males; 55 percent freshmen, 32 percent sophomores, then it falls off in the upper classmen. In the academic area of enrollment in the Arts and Sciences, 36 percent of the students in Taylor are interested in Arts and Sciences disciplines, and 37 percent in Engineering. The engineers, as you would expect, are among the most talented students that come to the University these days. They're interested in Taylor because it is near the Engineering building. Art, a very practical interest. Then 7 percent in Business and 3 in Education, and on down in those other areas. And this is what their performance, their past and current performance is like.

You see that of the 583 students, 70 percent, or 583, graduated in the top percent of their high school class. Of that number,

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Dr. Kuhn: (contd)

125 graduated first in their class. And their ACT scores -- 7 percent at the very highest range of 32 to 35, and then 53 percent at 28 to 31 and on down -- 28 percent from 24 to 27, and 12 percent at 18 to 23. Then their grade point averages 3.8 to 4.0, 11 percent, these are upper classmen, these are sophomores, juniors and seniors. The freshmen are excluded. Eleven percent are performing at the very top level, 36 percent performing at 3.3 to 3.79, and then 20 percent at the B's range and on down. Some of that performance is in the 2.7 range or so, I can testify that these are very, very bright high school students who have just chosen the wrong major. They have come in and just bombed-out. So there, special counseling and special advising is needed. These are some of the activities -- there is a micro-computer center there in Taylor itself. These are activities that go on. That is Professor Alan Mellett, who is speaking to students right before the Kissinger lecture of last year, to sort of alert them to issues. And this was a student/faculty dinner that is held almost every quarter in Taylor.

Now, I want to move on to Honors House. That was when it was freshly built in 1926, sixty years ago. This is looking from the north and the main entrance of the building is here. That is, it faces the north and the Campus is here. And one of the exciting prospects that the architects have in mind is turning the building back to face Mirror Lake and the library, and having its entrance here and landscaping this, so that ceremonials for students and their parents can be held here using this. Another exciting idea that the architects tentatively have in mind is converting this floor for student seminar and study space. This is a third floor in the building, but it is really cubbyhole space. The architects have proposed a very exciting idea tentatively of removing these ceilings so that you have cathedral vaulting for these small seminar rooms. And one of these we might call the "President's Seminar Room" with memorabilia of the presidents who lived there, George Rightmire, Howard Bevis and Novice Fawcett. There are some very exciting ideas possibly that the architects now can bring back for your approval.

Mrs. Bowser:

We might want to meet there, it looks better all the time.

Mr. Barone:

You don't have the grades.

Mr. Teaford:

Yes she does.

Dr. Kuhn:

University Honors, in short, wants to encourage and challenge students to rigorous and highly intellectual achievement. And our programs do so through small classes, special faculty, and challenging courses of instruction for highly motivated

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Dr. Kuhn: (contd)

students. Academic distinction, pursuit of excellence, is the constant name of all great institutions. Honors learning seeks to provide that challenge at our University.

One of the signs of the times, you may have noticed there was a little speech given by Shirley Chisholm, former Congresswoman, who is now a Professor of Political Sciences at Mount Holyoke. She recently expressed her concern about the general quality of undergraduate education. She just returned from a trip where she was comparing our students with students abroad. She thought that we were doing a good job of training our students, but not so good a job of educating. And she said, "I'm deeply concerned about all of these things. Mediocrity is not the answer, the world is filled with mediocrity. Excellence reaps rewards. I am concerned about excellence." And I think that we all share that concern and thank you for this opportunity to let me come before you.

Mr. Teaford:

Mr. Chairman, I know it's late, but if I could add just one comment. I had occasion recently to meet a number of Dr. Kuhn's honor students when I was a judge of the Homecoming Court. And I think we need to know that we are not talking about a bunch of grinds, we are talking about some of the most amazing young men and women that I have ever had occasion to meet. I don't think people realize that the woman on the Homecoming Court with the lowest point-hour average had a 3.7. That is the lowest point hour. The best was 3.97. So, we need to realize that these are absolutely extraordinary persons, we are talking leadership.

Mr. Galbreath:

Al, it is nice to have you back at one of our meetings. I remember my earlier days on this Board when you were with us on a regular basis, and I personally miss your participation. It's good to have you back.

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EXPRESSION OF APPRECIATION

Resolution No. 87-41

Synopsis: Appreciation is extended to Jerome Lawrence and Robert E. Lee for contributions to The Ohio State University.

WHEREAS Jerome Lawrence (B.A., 1937; Doctor of Humane Letters, 1963) and Robert E. Lee (Doctor of Humanities, 1979) have long been interested in and supportive of excellence at The Ohio State University; and

WHEREAS the most recent example of this dedication is their contribution to the University of an extensive collection of books, research materials, and original papers relating to their playwrighting careers and the history of American theater; and

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EXPRESSION OF APPRECIATION (contd)

WHEREAS this collection, when combined with the existing materials in Ohio State's Theatre Research Institute, will create one of the most comprehensive centers for research in theater history, literature, and criticism in the world; and

WHEREAS the combined collections will bear the name, "The Lawrence and Lee Theatre Research Institute," and will be housed in a specially designed facility on the Fourteenth Floor of Lincoln Tower; and

WHEREAS the new facility is to be dedicated today, November 7, 1986:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University extends its deep appreciation to Jerome Lawrence and Robert E. Lee for their commitment to excellence in the playwrighting profession, in American theater, and at The Ohio State University; and

BE IT FURTHER RESOLVED, That this Board extends its congratulations to Jerome Lawrence and Robert E. Lee upon the dedication of the Lawrence and Lee Theatre Research Institute.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT

Resolution No. 87-42

Synopsis: Approval is being requested for awarding degrees and certificates for Autumn Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on December 12, 1986, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mrs. Bowser, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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November 7, 1986 meeting, Board of Trustees

HONORARY DEGREES

Resolution No. 87-43

Synopsis: Approval is requested for awarding honorary degrees to five individuals.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-488 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

Yoshiyuki Funatsu	Doctor of Engineering
Ann Hutchinson Guest	Doctor of Humanities
Janet T. Spence	Doctor of Science
Paolo Emilio Taviani	Doctor of Humane Letters
Ullrich Georg Trendelenburg	Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 87-44

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the October 3, 1986 meeting of the Board, including the following Appointment, Appointment of Chairpersons of Departments and Division and Director of Center, Leaves of Absence Without Salary, Leave of Absence Without Salary--Continuation, Professional Improvement Leaves, Professional Improvement Leave--Cancellation, Professional Improvement Leave--Change of Date, and Emeritus Title as detailed in the University Budget be approved.

Appointment

Name:	STEPHEN R. SCHROEDER
Title:	Director of Nisonger Center/Professor
Office/Department:	Health Services/Psychology
Effective:	January 1, 1987
Salary:	\$77,040.00
Present Position:	Associate Professor, Department of Psychiatry and Assistant Director for Research Development, Biological Sciences Research Center, University of North Carolina

November 7, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Chairpersons of Departments and Division and Director of Center

September 15, 1986 through June 30, 1987

Division of Agricultural Mechanics
Technology

Ronald J. Borton*

October 1, 1986 through June 30, 1987

Aeronautical and Astronautical
Engineering

Gerald M. Gregorek*

October 1, 1986 through September 30, 1990

Family Resource Management

Sherman D. Hanna

January 1, 1987 through December 31, 1991

Center for Mapping

John D. Bossler

*Acting Chairperson

Leaves of Absence Without Salary

KENNETH D. LANE, Professor, Department of Physics, effective Autumn Quarter 1986, to teach a graduate research course at Boston University.

RUTH M. CHARNEY, Associate Professor, Department of Mathematics, effective Autumn Quarter 1986 and Winter Quarter 1987, to accept a membership in the Institute for Advanced Study in Princeton, NJ.

LINDA M. MITCHELL, Associate Professor, School of Health, Physical Education and Recreation, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, for personal reasons.

VITALY BERGELSON, Assistant Professor, Department of Mathematics, effective Autumn Quarter 1986, to attend the Special Year in Dynamics at the University of Maryland.

MARGARET Z. BRAND, Assistant Professor, Department of Philosophy, effective Autumn Quarter 1986, to complete projects now in progress.

SAGUN CHANILLO, Assistant Professor, Department of Mathematics, effective Spring Quarter 1987, to work at the University of California at Los Angeles, in the Mathematics Department.

YUJI KODAMA, Assistant Professor, Department of Mathematics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to work at the University of Nagoya in Japan.

MING LI, Assistant Professor, Department of Computer and Information Science, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to accept a fellowship from Harvard University.

ALICE SILVERBERG, Assistant Professor, Department of Mathematics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to accept a National Science Foundation postdoctoral fellowship.

November 7, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

MAHESH G. NERURKAR, Instructor, Department of Mathematics, effective Winter Quarter and Spring Quarter 1987, to accept a Visiting Assistant Professorship at the University of Maryland.

SARAH E. REES, Instructor, Department of Mathematics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to accept a visiting position at the University of Birmingham, Birmingham, England.

Leave of Absence Without Salary--Continuation

NICHOLAS M. ERCOLANI, Assistant Professor, Department of Mathematics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to continue his research.

Professional Improvement Leaves

MILLER B. MCDONALD, Professor, Department of Agronomy, effective Winter Quarter and Spring Quarter 1987.

DOUGLAS A. RUND, Associate Professor, Department of Preventive Medicine, effective February 1, 1987, through July 31, 1987.

Professional Improvement Leave -- Cancellation

BONNIE J. GARVIN, Associate Professor, Department of Family and Community, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

Professional Improvement Leave -- Change of Dates

DANIEL J. CRAWFORD, Professor, Department of Botany, change leave from Autumn Quarter 1985 and Winter Quarter 1986, to Autumn Quarter 1985.

Emeritus Title

ROBERT B. MCGHEE, Department of Electrical Engineering, with the title Professor Emeritus, effective October 1, 1986.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 87-45

Synopsis: Resolutions honoring the service of three of the University's faculty members, one administrator, and a former member on the Board of Trustees Agricultural Affairs Committee who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

November 7, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Robert J. Kane

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 18, 1986, of Robert J. Kane, Assistant Professor Emeritus in the Department of English.

Robert J. Kane was born on December 9, 1897, in Columbus, Ohio, and graduated from Aquinas High School in 1917. He received a B.A. in 1921 and an M.A. in 1922, both from The Ohio State University; and he earned a Ph.D. from Harvard University in 1929. In 1921 he was named a University Scholar at The Ohio State University and was elected to Phi Beta Kappa. In 1927 he was an Austin Scholar at Harvard University.

Dr. Kane was especially knowledgeable in the bibliography of English literature, and in the Renaissance and Romantic periods of English literature. His publications centered in Shakespeare studies. He retired as an Assistant Professor Emeritus in 1965, having taught since 1926.

On behalf of the University, the Board of Trustees expresses its deep sympathy and sense of understanding to those who mourn for Professor Kane. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees.

James G. Krafft

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 12, 1986, of James G. Krafft, Director of Administration in the Office of Physical Facilities.

James Krafft was born January 28, 1930, in Cleveland, Ohio. He graduated from Grandview Heights High School and received his Bachelor of Science in Business Administration degree in 1952 and his Master of Business Administration degree in 1961, both from The Ohio State University.

After working as an examiner and supervisor in the Ohio Department of Taxation, Mr. Krafft came to Ohio State in 1967 as an Administrative Assistant in the Office of Physical Facilities, and was promoted to Director of Administration in 1975.

Throughout his dedicated career at Ohio State, Mr. Krafft served the best interest of the University and its staff. He had a great concern for improving the work environment of his employees and all Physical Facilities staff. Most of all, he was advisor and friend to all who needed or sought his guidance. He continually promoted the careers of others and helped them to succeed in their chosen areas of expertise.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

November 7, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Joseph N. Miller

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 21, 1986, of Joseph N. Miller, Professor Emeritus in the Department of Zoology.

Dr. Miller was born in 1903 in Hillsboro, Highland County, Ohio. Upon graduation from Hillsboro High School in 1921, he entered Miami University. He served as an undergraduate assistant for two years at Miami University and received his AB from that institution in 1925.

He received his other degrees from The Ohio State University: MA in Zoology in 1926 and a Ph.D. in Zoology in 1935. He also studied at Ohio State's Biological Station, Stone Laboratory on Lake Erie, and at the University of Michigan Biological Station at Douglas Lake. The topic of his dissertation was "The Life History and Growth Rate of the Trematode, *Postharostomum lareui* McIntosh, 1934." He maintained a deep interest in trematode parasites throughout his academic career. His positions in both the Department of Zoology and Entomology and the Department of Zoology include: graduate assistant (1925-27), instructor (1927-42), assistant professor (1942-48), associate professor (1948-56), professor (1956-73), and professor emeritus (1973).

Dr. Miller was an excellent teacher known for the clarity with which he presented ideas and concepts. He was an advisor for numerous graduate students who now teach in other universities and colleges, a true mark of his success. A friendly man with a sharp wit and twinkling eyes, he will be fondly remembered.

A member of Delta Upsilon Fraternity, he also belonged to the scientific honorary Sigma Xi, The Ohio Academy of Science, The American Association for the Advancement of Science, The American Society of Parasitologists, Gamma Sigma Delta and Alpha Epsilon Delta. He was a member of Lion's International and the Masonic Lodge. Dr. Miller was a loyal fan of Ohio State's athletic teams and he was a much respected tennis player in his day. He also enjoyed oil painting and the theater.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Miller its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

John M. Stackhouse

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 17, 1986, of John M. Stackhouse, President, Citizens National Bank of Norwalk, Ohio, and former Director, Ohio Department of Agriculture, who served for 16 years on the Board of Control of the Ohio Agricultural Research and Development Center.

John M. Stackhouse was born on March 3, 1929, in Oberlin, Ohio, and grew up on the Humphrey Farm at Wakeman, where his father, Clay, was manager. He graduated as valedictorian of the Wakeman High School Class of 1947. He received his B.S. degree from The Ohio State University in 1951, with a major in Agricultural Engineering and minors in Agronomy and Animal

November 7, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

John M. Stackhouse (contd)

Science. Mr. Stackhouse entered the Graduate School of The Ohio State University in the summer of 1951, and held assistantships at the University in both research and resident instruction from 1951-54.

In addition to work on his academic program, Mr. Stackhouse assumed management of the Humphrey Farm in 1954, at which time his father went to Washington, D.C., as an administrator in the United States Department of Agriculture. Since his father's death in 1959, he had full responsibility for management of the 1,300-acre Humphrey Farm. From 1947-52, he served on the Board of Directors of the Ohio Drainage Contractors Association, and served as Executive Secretary for two years. During 1960-62, he was an elected member of the Board of Supervisors of the Huron Soil and Water Conservation District, serving as Chairman in 1961-62, at which time he served, also, as a member of the Research Committee of the Ohio Federation of Soil and Water Conservation Districts.

Mr. Stackhouse was appointed Director, Ohio Department of Agriculture in April 1963, and served on Governor Rhodes' cabinet throughout the remainder of the 16 years that Rhodes was in office. By virtue of his office, he served as a member of the Board of Control of the Ohio Agricultural Research and Development Center and as a member of the Ohio Expositions Commission. From 1970 to 1975, Mr. Stackhouse worked as Vice President and lobbyist with the National Agricultural Chemicals Association in Washington, D.C. During 1983-84, Mr. Stackhouse operated an agribusiness consulting firm, Stackhouse and Associates, Inc. He continued to manage the home farm at Wakeman and in 1984, was appointed Executive Director of the Ohio Agricultural Stabilization and Conservation Service. Former Chairman of the Bank Board, he was named President of the Citizens National Bank of Norwalk in 1985, and served in that position until his death.

Mr. Stackhouse was active in Alpha Zeta Fraternity, and in Gamma Sigma Delta, the Honor Society of Agriculture. He was a Fellow of the American Association for the Advancement of Science; and held memberships in the Ohio Academy of Science, American Society of Agronomy, the Soil Science Society of America, American Society of Agricultural Engineers, and the Ohio Society of Farm Managers and Rural Appraisers. He was inducted into the Ohio Agricultural Hall of Fame in 1983. Local activities included his church, the Wakeman Board of Education, and the Wakeman Civic Association.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Frederic C. Wise

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 9, 1986, of Frederic C. Wise, Assistant Professor Emeritus in the Cooperative Extension Service.

Mr. Wise was born April 24, 1922, in Newark, Ohio. He received his

November 7, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Frederic C. Wise (contd)

Bachelor and Master's degrees in agriculture from The Ohio State University in 1949 and 1957.

He became an Associate County Agent in Huron County on April 1, 1949. He then moved to Adams County as the Associate County Agent in December of 1955. On November 16, 1957, he became the County Extension Agent, Agriculture in Defiance County; the position he held until his retirement on June 30, 1979.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Wise its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to Mrs. Wise as a sincere expression of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Upon motion of Mrs. Bowser, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 87-46

Synopsis: The reports on contracts, grants, and gifts and the summary for September 1986 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of September 1986 be approved.

Upon motion of Mrs. Bowser, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR SEPTEMBER 1986

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	86	\$8,387,843.59

November 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR SEPTEMBER 1986 (contd)

Engineering Experiment Station	46	\$ 607,837.00
Total	132	\$8,995,680.59

The Ohio State University Development Fund

Establishment of Named Funds

Eleanor S. Resler Cancer Research Institute Endowment Fund (Support cancer research)	\$ 75,000.00
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The Excellence in Botany Fund (Support in botanical teaching and research)	\$ 5,500.00
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Columbus Feed Club Endowed Scholarship Fund (Scholarships - College of Agriculture)	\$ 5,000.00
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Change of Name and Description of Named Fund

From:	The Andersons Agricultural Advancement Fund
To:	The Andersons Endowed Chair in Agricultural Marketing, Trade and Policy

November 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - September 1986

Federal Research Contracts/Grants

\$798,649.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Spinal Cord Injury Research Center, Department of Surgery (W. E. Hunt) and Department of Physiology (B. T. Stokes), 1 September 1986 through 31 August 1987. (Project 763358 - Continuation)

\$762,822.00 - Department of Education, Office of Special Education and Rehabilitative Services, Washington, DC, Services for Deaf-Blind Children and Youth, Department of Human Services Education (T. Stephens), 1 October 1986 through 30 September 1987. (Project 764408 - Continuation)

\$570,000.00 - National Aeronautics and Space Administration, Washington, DC, A Center for Commercial Development of Space: Real-Time Satellite Mapping, Department of Geodetic Science and Surveying (I. I. Mueller) and Department of Civil Engineering (S. E. Smith), 1 September 1986 through 31 August 1987. (Project 765707 - New)

\$311,190.00 - National Science Foundation, Washington, DC, A Study of Conceptual Mechanical Design Process, Department of Engineering Graphics (M. B. Waldron), Department of Mechanical Engineering (K. J. Waldron) and Department of Psychology (D. H. Owen), 1 September 1986 through 28 February 1989. (Project 765682 - New)

\$244,415.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Stochastic Fourier Transform Ion Cyclotron Resonance Mass Spectrometry, Departments of Chemistry and Biochemistry, and Chemical Instrumentation Center (A. G. Marshall), 1 September 1986 through 31 August 1987. (Project 763504 - Continuation)

\$198,000.00 - Department of Energy, Chicago, IL, Application of Artificial Intelligence to the Operation of Nuclear Power Plants, Department of Mechanical Engineering (B. K. Hajek and D. W. Miller) and Department of Computer and Information Science (B. Chandrasekaran), 22 September 1986 through 21 September 1987. (Project 765699 - New)

\$167,445.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Identification of Gait Subtypes in Spastic Diplegia, Department of Surgery (S. R. Simon), 1 September 1986 through 31 August 1987. (Project 765480 - Continuation)

\$165,361.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Fc Receptor Structure and Function, Department of Internal Medicine (C. L. Anderson), 1 September 1986 through 31 August 1987. (Project 765701 - New)

\$156,156.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, Rockville, MD, Antidepressant Drugs in Treatment of Anxiety Disorders, Department of Psychiatry (M. R. Mavissakalian), 1 September 1986 through 31 August 1987. (Project 765702 - New)

November 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$139,988.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, B-Glucuronidase Inhibition and Chemical Carcinogenesis, Department of Physiological Chemistry and Cancer Research Center (T. E. Webb), 1 August 1986 through 31 July 1987. (Project 764291 - Continuation)

\$137,627.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1986 through 31 August 1987. (Project 760026 - Continuation)

\$132,646.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Research Triangle Park, NC, DNA Damage Following Exposure to Genotoxin, Department of Radiology (S. M. D'Ambrosio and A. A. Wani), 1 September 1986 through 31 August 1987. (Project 762787 - Continuation)

\$128,175.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Development of Cerebellar Circuits, Department of Anatomy (J. S. King), 1 September 1986 through 31 August 1987. (Project 760045 - Continuation)

\$122,286.00 - Environmental Protection Agency, Washington, DC, Role of Xenobiotics in Modifying Replicating DNA, Department of Physiological Chemistry and Cancer Research Center (G. E. Milo), 1 August 1986 through 31 July 1988. (Project 765679 - New)

\$120,694.00 - Department of Agriculture, Science and Education, Serotyping of Porcine Rotaviruses Using Monoclonal Antibodies, Department of Food Animal Health Research - OARDC (L. J. Saif), 1 September 1986 through 31 August 1989. (Project 765664 - New)

\$115,184.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Glycoconjugates and Glioma Resistance to Cytolysis, Department of Pathology (A. J. Yates), 1 August 1986 through 31 July 1987. (Project 762989 - Continuation)

\$109,761.00 - National Science Foundation, Washington, DC, Knowledge Aided Architectural Problem Solving and Design, Department of Architecture (C. I. Yessios), 1 September 1986 through 29 February 1988. (Project 765681 - New)

\$108,000.00 - Department of Education, Office of Educational Research and Improvements, Washington, DC, ERIC Clearinghouse on Adult, Career and Vocational Education, The National Center for Research in Vocational Education (C. K. Hansen), 14 September 1984 through 31 December 1986. (Project 764387 - Continuation)

\$100,428.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Thymidylate Synthetase Gene Structure and Expression, Department of Biochemistry (L. F. Johnson), 1 September 1986 through 31 August 1987. (Project 762903 - Continuation)

November 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$100,000.00 - Department of Agriculture, Science and Education, Washington, DC, Structural Organization and Regulation of the Chicken Thyroid Stimulating Hormone Genes, Department of Poultry Science - OARDC (D. N. Foster and W. L. Bacon), 1 September 1986 through 31 August 1988. (Project 765675 - New)

\$100,000.00 - Department of Agriculture, Science and Education, Washington, DC, Use of cDNA Probes for the Detection of Transmissible Gastroenteritis Virus, Department of Food Animal Health Research - OARDC (L. J. Saif), 15 September 1986 through 30 September 1988. (Project 765685 - New)

\$96,676.00 - Environmental Protection Agency, Chicago, IL, Exposure Probabilities for Resuspended and Advected Sediment in the Upper Connecting Channels, Department of Civil Engineering (K. W. Bedford), 1 July 1986 through 30 June 1987. (Project 764858 - Continuation)

\$95,638.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Exercise, Oxidant Stress, Antistressors and Atheroma, Department of Physiological Chemistry (A. J. Merola), 30 September 1986 through 29 September 1987. (Project 765064 - Continuation)

\$95,390.00 - Department of the Navy, Naval Weapons Center, China Lake, CA, Ram and Inlet Modeling: Compact Range Scattering, Department of Electrical Engineering, ElectroScience Laboratory (P. Pathak), 1 October 1986 through 30 June 1987. (Project 764991 - Continuation)

\$90,000.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Radar Target Classification Studies, Department of Electrical Engineering, ElectroScience Laboratory (E. K. Walton), 1 May 1986 through 31 July 1987. (Project 764726 - Continuation)

\$88,000.00 - National Science Foundation, Washington, DC, Strategic Acquisition of Flexible Technology, Academic Faculty of Management Sciences (C. M. Gaimon), 15 September 1986 through 31 August 1988. (Project 765665 - New)

\$85,000.00 - Department of Health and Human Services, Public Health Service, Centers for Disease Control, Atlanta, GA, Demonstration Program in the Use of Calcium Fluoride in Fluoridating a Water System, Department of Civil Engineering (A. J. Rubin), 1 September 1986 through 31 August 1987. (Project 764820 - Continuation)

\$83,744.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Immunoprevention of HTLV Infection, Department of Veterinary Pathobiology (R. G. Olsen and L. E. Mathes), 30 September 1986 through 31 July 1987. (Project 765057 - Continuation)

\$82,940.00 - Department of Agriculture, Science and Education, Washington, DC, Hormonal and Immunological Aspects of Luteolysis, Department of Dairy Science - OARDC and Department of Dairy Science (J. L. Pate), 1 September 1986 through 31 August 1988. (Project 765692 - New)

November 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$82,571.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Inhibitory Mechanism of Gossypol on Tapeworm, Department of Veterinary Pathobiology (Y. Rikihisa), 1 September 1986 through 31 August 1987. (Project 765683 - New)

\$80,818.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Neural Basis of Taste Elicited Ingestion and Rejection, Oral Biology (J. B. Travers), 1 September 1986 through 31 July 1987. (Project 765695 - New)

\$75,217.00 - Department of Education, Office of Postsecondary Education, Washington, DC, Using Job Clubs to Assist in the Transition to Work of Postsecondary Learning-Disabled Students, The National Center for Research in Vocational Education (C. K. Hansen), 1 October 1986 through 30 September 1987. (Project 765677 - New)

\$73,800.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Establishment of Department of Family Medicine, Department of Family Medicine (T. Williams and J. S. Monk), 1 September 1986 through 31 August 1987. (Project 765671 - New)

\$69,399.00 - Department of Commerce, National Bureau of Standards, Gaithersburg, MD, Studies of Grain-Boundary Interfaces in Ceramics, Department of Metallurgical Engineering (R. H. Wagoner), 18 September 1986 through 17 September 1987. (Project 765703 - New)

\$60,522.00 - International Development Cooperation Agency, Washington, DC, Dominican Republic Commercial Farming Systems Project, Department of Agricultural Economics and Rural Sociology (C. Gonzalez-Vega), 1 September 1986 through 31 October 1986. (Project 763301 - Continuation)

\$59,745.00 - Department of Education, Office of Special Education and Rehabilitative Services, Washington, DC, Parent-Child Conversation: A Longitudinal Project for Research into Intervention with Language-Delayed Handicapped Children, Nisonger Center (J. MacDonald), 1 October 1986 through 30 September 1987. (Project 764417 - Continuation)

\$52,500.00 - Department of Education, Office of Postsecondary Education, Washington, DC, Grants under the Education for the Public Service Program, School of Public Administration (A. E. Merget), 1 October 1986 through 30 September 1988. (Project 765674 - New)

\$47,000.00 - Department of Agriculture, Science and Education, Washington, DC, Mechanisms Regulating Nodulation Formation in Soybean, Department of Agronomy - OARDC and Department of Agronomy (W. D. Bauer), 15 September 1986 through 30 September 1987. (Project 765653 - New)

\$46,353.00 - National Science Foundation, Washington, DC, A "True" AC-Model for the MODFET, Department of Electrical Engineering (P. Roblin), 1 October 1986 through 31 March 1988. (Project 765676 - New)

November 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$45,387.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Gustatory Afferent Organization in the Solitary Nucleus, Oral Biology (S. P. Travers), 1 September 1986 through 31 August 1987. (Project 765694 - New)

\$45,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, OH, UTD Scattering from Structures Including Higher Order Terms, Department of Electrical Engineering, ElectroScience Laboratory (R. J. Marhefka), 15 April 1986 through 30 September 1986. (Project 765374 - Continuation)

\$38,479.00 - National Science Foundation, Washington, DC, Chloroplast Transport: Characterization of the C4-Phosphoenolpyruvate Translocator, Department of Horticulture - OARDC and Department of Horticulture (M. E. Rumpho-Kennedy), 1 September 1986 through 28 February 1989. (Project 765690 - New)

\$33,077.00 - Department of Agriculture, Science and Education, Washington, DC, A Multidisciplinary Ph.D. Fellowship Program in Food and Agricultural Marketing, Food Science, and Human Nutrition, Department of Agricultural Economics and Rural Sociology (J. Havlicek), 1 April 1988 through 14 September 1989. (Project 764460 - Continuation)

\$29,004.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Pathogenesis of Humoral Hypercalcemia of Malignancy, Department of Veterinary Pathobiology (C. G. Capen and T. J. Rosol), 1 October 1986 through 30 September 1987. (Project 765055 - Continuation)

\$26,004.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Metabolism of Insulin-Like Growth Factors, Department of Biochemistry (L. F. Johnson and S. J. Pilistine), 1 October 1986 through 30 September 1987. (Project 765041 - Continuation)

\$25,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, OH, Experimental Screening of Potential Surface Materials for Ultra-High Temperature Composites, Department of Ceramic Engineering (J. D. Cawley) and Department of Metallurgical Engineering (W. B. Johnson), 1 September 1986 through 30 September 1986. (Project 765693 - New)

\$24,900.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Development of a Composite Rib Structure, Department of Mechanical Engineering (J. A. Collins), 1 January 1986 through 30 September 1986. (Project 764086 - Continuation)

\$20,000.00 - Department of Energy, Washington, DC, Energy Reactor Sharing Program, Engineering Experiment Station (R. D. Myser), 1 September 1986 through 31 August 1987. (Project 762411 - Continuation)

\$19,000.00 - Environmental Protection Agency, Washington, DC, Virulence of Subtypes of Legionella pneumophila, Department of Internal Medicine

November 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

(J. F. Plouffe and M. F. Para), 16 September 1985 through 15 September 1987. (Project 765019 - Continuation)

\$17,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, VA, Development of Decentralized Control Algorithms for Flexible Structures, Department of Electrical Engineering (U. Ozguner and S. Yurkovich), 1 September 1986 through 31 December 1986. (Project 765666 - Continuation)

\$12,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, CA, Intensity and Broadening Coefficients of Selected CO₂ Lines in the Infrared, Department of Physics (K. N. Rao), 1 October 1986 through 30 September 1987. (Project 765684 - New)

\$7,150.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Studies on Topoisomerase I and II in Herpes Simplex Virus Replication, Department of Microbiology (M. T. Muller) and Department of Medical Microbiology and Immunology (D. S. Parris), 1 July 1986 through 30 June 1987. (Project 765482 - Continuation)

\$2,417.00 - Department of the Army, Waterways Experiment Station, Vicksburg, MS, Evaluation of Performance of Concrete Structures, Department of Civil Engineering (R. S. Sandhu), 14 July 1986 through 30 September 1986. (Project 765659 - Continuation)

Computer Time - National Science Foundation, Washington, DC, Computations on Multilinear Fluorescence Data, Department of Biochemistry (R. T. Ross), 15 August 1986 through 15 August 1987. (Project 765691 - New) (Approximate Value - \$7,000)

TOTAL - FEDERAL AWARDS

\$6,498,558.00

State of Ohio Research Contracts/Grants

\$88,560.00 - State of Ohio, Department of Education, Columbus, OH, Ohio Reading Recovery Project, Department of Educational Theory and Practice (G. S. Pinnell), 1 July 1986 through 30 September 1987. (Project 765174 - Continuation)

\$37,000.00 - State of Ohio, Department of Development, Columbus, OH, Retention and Expansion of Existing Businesses, Department of Agricultural Economics and Rural Sociology and Cooperative Extension State Operations (G. W. Morse), 1 September 1986 through 30 June 1987. (Project 765667 - New)

\$31,343.00 - State of Ohio, Department of Natural Resources, Columbus, OH, The Vascular Flora of Ohio, Volume 2, Department of Botany (T. F. Stuessy), 18 August 1986 through 30 September 1987. (Project 765669 - Continuation)

\$16,913.00 - State of Ohio, Department of Youth Services, Columbus, OH, Graduate Student Internship, Department of Human Services Education (M.

November 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

D. Orlansky), 1 October 1986 through 30 June 1987. (Project 765689 - Continuation)

\$8,085.00 - State of Ohio, Department of Mental Health, Columbus, OH, Mental Health Traineeships, College of Social Work (M. Coleman), 1 July 1986 through 30 June 1987. (Project 762864 - Continuation)

\$2,911.00 - State of Ohio, Department of Education, Columbus, OH, Matrix Conversion and Vocational Education Projections, Academic Faculty of Management and Human Resources (H. R. Blaine), 1 July 1986 through 30 June 1987. (Project 765526 - Continuation)

\$2,508.00 - State of Ohio, Department of Mental Health, Columbus, OH, Family and Parental Factors Associated with Childhood and Adolescent Adjustment Problems, Department of Psychology (S. J. Beck), 15 September 1986 through 30 June 1987. (Project 765705 - New)

\$2,124.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Presentation of Paul Taylor's AUREOLE, Department of Dance (M. R. Pierson), 1 October 1986 through 30 June 1987. (Project 765672 - New)

TOTAL - STATE OF OHIO AWARDS \$ 189,444.00

Industrial Research Contracts/Grants

\$104,000.00 - Brunswick Corporation, Marion, VA, Hybrid Radome Research Studies, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 12 August 1986 through 11 August 1987. (Project 765697 - Continuation)

\$70,376.00 - Pfizer, Inc., Groton, CT, Phase I Double-Blind Placebo-Controlled Single Dose Study to Establish Toleration, Pharmacokinetics and Bioavailability of CP-73,850, Department of Pharmacology (N. Gerber), 1 July 1986 through 30 June 1987. (Project 765696 - New)

\$52,784.00 - McNeil Pharmaceutical, Spring House, PA, Etoperidone: Safety and Efficacy versus Amitriptyline in Outpatients with Recurrent Depression, Department of Psychiatry (S. L. Stern, B. A. Jones, A. B. Levy and D. J. Martin), 1 September 1986 through 31 August 1988. (Project 765698 - New)

\$49,911.00 - Rockwell International, Los Angeles, CA, Independent Research and Development, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 6 August 1986 through 30 September 1986. (Project 765225 - Continuation)

\$9,832.00 - World Book Encyclopedia, Chicago, IL, Graduate Student Practicum, Department of Human Services Education (T. Stephens), 1 October 1986 through 30 September 1987. (Project 765714 - Continuation)

\$8,700.00 - General Electric Company, Milwaukee, WI, 3-D Surface Representation and Perspective Enhancement of MR Data, Department of Radiology (W. W. Hunter) and Department of Art Education (C. A. Csuri), 20 August 1985 through 31 December 1986. (Project 764577 - Continuation)

November 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$3,599.59 - Boeing Company, Seattle, WA, Compact Range Performance Analysis, Department of Electrical Engineering, ElectroScience Laboratory (J. D. Young), 1 June 1986 through 31 December 1986. (Project 765397 - Continuation)

\$3,250.00 - America-Mideast Educational and Training Services, Inc., Washington, DC, Peace Fellowship Program for Egypt, Department of Otolaryngology (D. J. Lim), 20 July 1986 through 15 May 1987. (Project 765662 - New)

TOTAL - INDUSTRIAL AWARDS \$ 302,452.59

Other Non-Federal Research Contracts/Grants

\$1,148,562.00 - National Association of Regulatory Utility Commissioners, Washington, DC, The Research and Assistance Plan and Budget for the National Regulatory Research Institute: The Business Plan for FY 1986, National Regulatory Research Institute (D. N. Jones), 1 September 1986 through 31 August 1987. (Project 763289 - Continuation)

\$46,690.00 - University of Iowa, Iowa City, IA, Articular Cartilage Healing and Passive Motion, Department of Veterinary Clinical Sciences (M. L. Olmstead), 1 August 1986 through 31 July 1987. (Project 765032 - Continuation)

\$42,339.00 - Smokeless Tobacco Research Council, Inc., New York, NY, Effects of Smokeless Tobacco on the Development of the CD-1 Mouse Fetus, Oral Biology (R. B. Paulson and J. L. Shanfeld), 1 January 1987 through 31 December 1987. (Project 765092 - Continuation)

\$33,000.00 - American Heart Association, Dallas, TX, Hypothalamic Neuronal Sensitivity in Hypertensive Rats, Department of Physiology (J. A. Boulant), 1 September 1986 through 31 August 1987. (Project 764156 - Continuation)

\$25,076.00 - Nebraska Department of Economic Development, Lincoln, NE, Nebraska Small Business Development, The National Center for Research in Vocational Education (C. K. Hansen), 15 August 1986 through 30 June 1987. (Project 765663 - New)

\$25,000.00 - Scottish Rite Schizophrenia Research Program, Lexington, MA, Dopamine and Serotonin Receptor Mapping by Magnetic Resonance Imaging, Department of Psychiatry (J. A. Coffman), 1 August 1986 through 31 July 1987. (Project 765668 - New)

\$20,800.00 - Lorain County Community College, Elyria, OH, Technical Assistance for Lorain County Community College, The National Center for Research in Vocational Education (C. K. Hansen), 1 September 1986 through 31 August 1987. (Project 765678 - New)

\$15,770.00 - Marburn Academy, Columbus, OH, Graduate Student Internship, Department of Human Services Education (D. J. Tosi and P. S. Wise), 1 October 1986 through 30 September 1987. (Project 765688 - New)

November 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$9,644.00 - University of Wisconsin, Madison, WI, Services to the Government of Indonesia, Academic Affairs Administration and International Affairs (W. L. Flinn), 23 May 1986 through 24 July 1986. (Project 765710 - New)

\$9,108.00 - Grandview Heights Schools, Columbus, OH, Grandview Heights Schools Internship Project, Department of Educational Policy and Leadership (C. M. Galloway), 1 October 1986 through 30 June 1987. (Project 765715 - Continuation)

\$6,900.00 - Battelle Memorial Institute, Columbus, OH, Natural Analog Study Technical Support, Department of Geology and Mineralogy (K. A. Foland), 1 July 1986 through 30 September 1986. (Project 764352 - Continuation)

\$6,000.00 - United Nations, Nairobi, Kenya, Review of Training and Education Modules, School of Natural Resources (C. B. Davis), 1 December 1985 through 31 December 1986. (Project 765709 - New)

\$4,000.00 - National Kidney Foundation of Central Ohio, Columbus, OH, Chronic Cyclosporine Nephropathy, Department of Internal Medicine (F. G. Cosio), 1 July 1986 through 30 June 1987. (Project 765687 - New)

\$4,000.00 - National Kidney Foundation of Central Ohio, Columbus, OH, Evaluation of the NB Rat Bladder Cancer Model, Department of Surgery (J. R. Drago), 1 July 1986 through 30 June 1987. (Project 765680 - New)

\$500.00 - Houghton Mifflin Company, Hanover, NH, National Career Guidance Consortium, The National Center for Research in Vocational Education (C. K. Hansen), 1 July 1986 through 30 June 1987. (Project 765651 - Continuation)

Computer Time - Carnegie Mellon University, Pittsburgh, PA, Conversion of an Existing Three-Dimensional Tropical Cyclone Model to the Supercomputer Environment Provided at Boeing Computer Center, Department of Geography (J. N. Rayner), 14 September 1986 through 15 September 1986. (Project 765713 - New) (Approximate Dollar Value - \$3,000)

TOTAL - OTHER NON-FEDERAL AWARDS \$1,397,389.00

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$50,000.00 - Edison Partnership Program, Department of Development, Columbus, OH, and Varian Specialty Metals, Grove City, OH, "The Preparation and Properties of Magneto-Optic Thin Films," Department of Metallurgical Engineering, 1 October 1985 through 31 March 1987. (529686)

\$49,922.00 - Edison Partnership Program, Department of Development, Columbus, OH, and Ceramphysics, Westerville, OH, "Cellular Structure

November 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

State Sponsored Research and Development (contd)

Oxygen Sensors," Department of Ceramic Engineering, 1 January 1986 through 31 December 1986. (312888)

TOTAL - STATE SPONSORED RESEARCH \$ 99,922.00

Industrial and Other Sponsored Research and Development

\$125,000.00 - From various industry for membership in "The Engineering Research Center on Net-Shape Manufacturing," Engineering Experiment Station. (529200)

\$95,776.00 - Battelle Memorial Institute, Columbus, OH, "Application of Enhanced Heat Exchanger Surfaces," Department of Mechanical Engineering, 1 April 1986 through 31 October 1986. (312887)

\$80,136.00 - RJO Enterprises, Inc., Crofton, MD, "Development of Workload Measurement Devices and Techniques for Aircraft Cockpits," Department of Aviation, 8 November 1984 through 17 July 1987. (312836 - Ext. 2)

\$80,000.00 - From various industry for "Compact Radar Cross Section Measurement Ranges Research and Development Consortium," Department of Electrical Engineering, 1 July 1986 through 30 June 1987. (312884)

\$52,971.00 - from 26 sponsors of 36 development projects under the direction of three engineering departments or research areas.

\$40,000.00 - General Electric Company, Cincinnati, OH, "Fabrication and Checkout of the 1/12 Scale Model Ejector-Powered Simulator," Department of Aeronautical and Astronautical Engineering, 20 August 1986 through 31 December 1986. (312885)

\$15,000.00 - Hitachi, Ltd., Ibaraki-ken, Japan, "Usage of Artificial Intelligence Laboratory," Department of Computer and Information Science, 14 September 1986 through 24 September 1987. (312890)

\$10,000.00 - Welding Research Council, New York, NY, "Modification of Weld Pool Solidification through Microcooler Additions," Department of Welding Engineering, 15 September 1986 through 14 September 1987. (529716)

\$9,032.00 - General Electric Company, Schenectady, NY, "Ultrahigh Temperature Composite Materials," Department of Ceramic Engineering, 11 August 1986 through 21 October 1986. (312886)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 507,915.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Eleanor S. Resler Cancer Research Institute Endowment Fund

The Eleanor S. Resler Cancer Research Institute Endowment Fund was established November 7, 1986, by the Board of Trustees of The Ohio State

November 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Eleanor S. Resler Cancer Research Institute Endowment Fund (contd)

University with gifts to The Ohio State University Development Fund from Eleanor S. Resler, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer research as approved by the Medical Director of the Cancer Research Institute and the Dean of the College of Medicine. If it is determined that funding for cancer research is so ample, then the income from this fund may be used for those purposes as deemed appropriate by the Medical Director of the Cancer Research Institute.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

The Excellence in Botany Fund

The Excellence in Botany Fund was established November 7, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, faculty and friends of the Department of Botany and the College of Biological Sciences.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for support of excellence in botanical teaching and research in the Department of Botany in the College of Biological Sciences. The Chairperson of the Botany Department will have sole authority to authorize expenditures from the Fund, as approved by the Dean of the College of Biological Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the teaching, research and service of Botany.

Columbus Feed Club Endowed Scholarship Fund

The Columbus Feed Club Endowed Scholarship Fund was established November 7, 1986, by the Board of Trustees of The Ohio State University with gifts

November 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Columbus Feed Club Endowed Scholarship Fund (contd)

to The Ohio State University Development Fund from the Columbus Feed Club, an organization of marketing representatives of feed manufacturers doing business in the Central Ohio area.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund one or more scholarships for students in the College of Agriculture with preference being given to those students enrolled in the Department of Animal Science. Criteria for the scholarships shall include academic performance and financial need. Scholarships shall be selected by a committee consisting of the Assistant Dean for Student Affairs in the College of Agriculture and appropriate faculty representation from Animal Science, in consultation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Agriculture.

Change of Name and Description of Named Fund

**The Andersons Endowed Chair in
Agricultural Marketing, Trade and Policy**

The Andersons Agricultural Advancement Fund was established November 1, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from The Andersons, the prominent agricultural grain and supply firm headquartered in Maumee, Ohio. The name and description were changed November 7, 1986.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the work of the distinguished professor whose research, teaching and public service focus on agricultural marketing, agricultural policy, macroeconomics, and/or international trade. The chair holder shall provide leadership for innovative research and teaching programs concerned with alternative macroeconomic, international trade policies, analyzing the effect of domestic and foreign agricultural policies on U.S. agriculture, the marketing of agricultural products and agricultural trade. The chair shall be appointed and shall serve at the pleasure of the Vice President for Agricultural Administration in consultation with the Chairperson of

November 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Fund (contd)

**The Andersons Endowed Chair in
Agricultural Marketing, Trade and Policy (contd)**

Agricultural Economics and Rural Sociology and a representative of The Andersons.

In the event that this position should remain vacant for more than one year, then the annual income from this fund shall be used for innovative and creative activities that will strengthen and enhance the ability of the College of Agriculture and its related units to carry out its mission in an exemplary manner. Specific use shall be determined each year by the Vice President for Agricultural Administration in consultation with The Andersons.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income can be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for agricultural teaching, research and extension.

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**PURCHASE OF REAL PROPERTY FOR WOSU-AM ANTENNA SITE
96.38 ACRES IN SOUTHWEST FRANKLIN COUNTY, OHIO**

Resolution No. 87-47

Synopsis: Authorization to purchase approximately 96.38 acres in southwest Franklin County to provide a new site for WOSU-AM's transmitter is requested.

WHEREAS to improve services to its listeners, the WOSU Stations desire to expand the operating hours of WOSU-AM to include night broadcasting and have been granted a construction permit by the Federal Communications Commission (FCC) to construct nighttime broadcasting facilities; and

WHEREAS in accordance with FCC regulations protecting the nighttime service areas of clear channel stations, WOSU-AM must reduce power for nighttime operation and use an array of antennas and the present daytime antenna site cannot be used to both serve the Central Ohio area and protect the service areas of clear channel stations; and

WHEREAS Kenyon College owns approximately 96.38 acres of undeveloped real property in southwest Franklin County, which site will meet the technical and geographic needs of WOSU-AM, and has offered this property for sale; and

WHEREAS funds to purchase this property will be provided through funds contributed through the Friends of WOSU; and

WHEREAS the appropriate University offices are in agreement as to the desirability of purchasing this property:

November 7, 1986 meeting, Board of Trustees

**PURCHASE OF REAL PROPERTY FOR WOSU-AM ANTENNA SITE
96.38 ACRES IN SOUTHWEST FRANKLIN COUNTY, OHIO (contd)**

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase, in the name of the Board of Trustees, approximately 96.38 acres located off Gantz Road in southwest Franklin County, at a price not to exceed \$300,000.00 and under such terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Mr. Kessler, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
LIMA TECHNICAL COLLEGE - ENTRANCE ROAD**

Resolution No. 87-48

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS Amended Substitute House Bill 870 (the biennial capital appropriations bill) enacted by the 116th General Assembly included funds for the Lima Technical College to provide a new entrance road from State Route 309 to the Lima Campus; and

WHEREAS the Lima Technical College will provide \$150,000 for this project, for a total project cost of \$650,000, of which \$520,000 is estimated for construction; and

WHEREAS the Lima Technical College has asked The Ohio State University to assist them with the programming, design and construction of this project:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration in cooperation with the Lima Technical College, be authorized to select a qualified architectural/engineering firm for this project in conjunction with the Department of Administrative Services, and that the fees for this architectural/engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration, in cooperation with the Lima Technical College, be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Kessler, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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November 7, 1986 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
HONORS HOUSE RENOVATION**

Resolution No. 86-49

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS this project provides for the creation of The Ohio State University Honors House by remodeling the former President's Residence located on the central campus; and

WHEREAS Honors House will serve as the administrative center for all programs and functions relating to honors activities; and

WHEREAS \$1,250,000 will be made available from University funds for this project, of which \$1,000,000 is estimated for construction:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in accordance with established University procedures, to select a qualified architectural/engineering firm for this project, to request construction bids on this project, and if satisfactory bids are received, to award the necessary contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Barone, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
IVES HALL REMODELING**

Resolution No. 87-50

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS Brown Hall Annex is due to be demolished in preparation for the construction of a science technology library, classroom, and Mathematics addition and the occupants presently housed in the Annex will need alternate space; and

WHEREAS this project will provide the needed space in Ives Hall through improvements to the lighting system, installation of additional restrooms, and the general refurbishing of Ives Hall after Agricultural Engineering relocates to its new building; and

WHEREAS \$675,000 will be made available for this project from University funds, of which \$570,000 is estimated for construction:

NOW THEREFORE

November 7, 1986 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
IVES HALL REMODELING (contd)**

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in accordance with established University procedures, to select a qualified architectural/engineering firm for this project, to request construction bids on this project, and if satisfactory bids are received, to award the necessary contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Teafor, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
NEIL AND 17TH BUILDING IMPROVEMENTS**

Resolution No. 87-51

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS to accommodate students being transferred from West Campus, additional classrooms are needed on the central campus; and

WHEREAS this project will modify the Neil and 17th Building for classroom usage and will include installation of walls to divide rooms, chalkboards and projection screens, a stairwell, and restrooms; and

WHEREAS \$300,000 will be made available from University funds, of which \$250,000 is estimated for construction:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in accordance with established University procedures, to select a qualified architectural/engineering firm for this project, to request construction bids on this project, and if satisfactory bids are received, to award the necessary contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Teafor, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
WOSU-AM NIGHTTIME TRANSMITTER PARK**

Resolution No. 87-52

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

November 7, 1986 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
WOSU-AM NIGHTTIME TRANSMITTER PARK (contd)**

WHEREAS this project will provide for the construction of night broadcasting facilities, including an array of six antenna and an operations building, for WOSU-AM, which facilities also could be used to broadcast during the day should the regular daytime transmitter fail; and

WHEREAS \$760,000 will be made available for this project from University funds, of which \$450,100 is estimated for construction, \$207,100 for moveable equipment, and \$102,800 for engineering and architectural fees and contingencies:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in accordance with established University procedures, to select a qualified architectural/engineering firm for this project, to request construction bids on this project, and if satisfactory bids are received, to award the necessary contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mrs. Bowser, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 87-53

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

WATER DISTRIBUTION IMPROVEMENTS

Description: This project involves the improvement to the water distribution system in the areas of the central campus and Don Scott Field by extending a 20" water main around the perimeter of the campus which will improve water flow and pressure. The installation of mains in the Don Scott area will distribute city water to various areas now supplied by wells. Construction is scheduled to begin in the Spring of 1987 and be completed within eighteen months.

General Contract

Date Received: August 26, 1986

No. of Bids: 4

November 7, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

WATER DISTRIBUTION IMPROVEMENTS (contd)

General Contract (contd)

Low Bid:	\$1,542,986.89*
High Bid:	\$1,749,361.88*
Estimate of Cost:	\$1,479,939.00*
Awarded to:	Concrete Construction Co., Columbus, OH
Total All Contracts:	\$1,542,986.89*
Total Contingency Allowance:	\$ 98,404.28 (which is 6 percent of construction costs)
Total Project Cost:	\$1,790,000.00*
Funding:	HB 552 (Planning); HB 798 (Construction); SB 348 (Reappropriation of HB 798) and University funds

*Recommended alternates reflected in these figures.

LIMA TECHNICAL COLLEGE - CLASSROOM ADDITION

Description: This project involving Lima Technical College in cooperation with the Lima Regional Campus of The Ohio State University provides for the construction of a classroom addition, and the remodeling of the Technical Education Laboratory building at the Lima Technical College. Construction is expected to begin in December 1986 and be completed December 1987.

General Contract

Date Received:	September 25, 1986
No. of Bids:	3
Low Bid:	\$ 592,783.00*
High Bid:	\$ 664,367.00*
Estimate of Cost:	\$ 817,454.00*
Awarded to:	Schnippel Construction Inc., Botkins, OH

Plumbing Contract

Date Received:	September 25, 1986
No. of Bids:	2

*Recommended alternates reflected in these figures.

November 7, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

LIMA TECHNICAL COLLEGE - CLASSROOM ADDITION (contd)

Plumbing Contract (contd)

Low Bid:	\$ 68,000.00*+
High Bid:	\$ 75,586.00*
Estimate of Cost:	\$ 56,300.00*
Awarded to:	Smith-Bougham, Inc., Lima, OH

HVAC Contract

Date Received:	September 25, 1986
No. of Bids:	3
Low Bid:	\$ 158,520.00*
High Bid:	\$ 181,090.00*
Estimate of Cost:	\$ 164,630.00*
Awarded to:	Smith-Bougham, Inc., Lima, OH

Electric Contract

Date Received:	September 25, 1986
No. of Bids:	4
Low Bid:	\$ 134,960.00*
High Bid:	\$ 149,525.00*
Estimate of Cost:	\$ 156,975.00*
Awarded to:	Kaduk Electric Inc., Hicksville, OH

Total All Contracts: \$ 954,263.00*

Total Contingency Allowance: \$ 47,873.65 (which is 5 percent of construction costs)

Total Moveable Equipment \$ 75,000.00

Total Project Cost: \$1,200,000.00*

Funding: HB 798; SB 348 and University Funds

*Recommended alternates reflected in these figures.

+Plumbing Contract is in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

November 7, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

UNIVERSITY AIRPORT RENOVATIONS

Description: This project provides for the widening and overlaying of Taxiway B, relocating the threshold of Runway 23; and the construction of a parallel taxiway complete with lighting and guidance system for Runway 5-23. Construction is scheduled to begin December 1986 and be completed September 1987.

General Contract

Date Received:	September 30, 1986
No. of Bids:	3
Low Bid:	\$ 663,846.55*
High Bid:	\$ 829,184.80*
Estimate of Cost:	\$ 733,660.00*
Awarded to:	Central Ohio Asphalt, Hilliard, OH

Electric Contract

Date Received:	September 30, 1986
No. of Bids:	3
Low Bid:	\$ 170,517.27*
High Bid:	\$ 255,401.78*
Estimate of Cost:	\$ 224,489.00*
Awarded to:	Jess Howard Electric, Blacklick, OH

Total All Contracts: \$ 834,363.82*

Total Contingency Allowance: \$ 50,267.39 (which is 6 percent of construction costs)

Total Project Cost: \$1,053,800.00*

Funding: FAA Grants and University Funds

*Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Kessler, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

November 7, 1986 meeting, Board of Trustees

**IMPROVEMENTS IN MAJOR MEDICAL AND
VISION PROGRAM BENEFITS**

Resolution No. 87-54

Synopsis: Improvements in the major medical and vision program benefits are proposed.

WHEREAS the Board of Trustees in previous resolutions has awarded the coverage and subsequent improvements of the major medical program to the John Hancock Mutual Life Insurance Company and the vision program to Community Mutual Insurance Company; and

WHEREAS the Faculty Compensation and Benefits Committee along with other appropriate University offices has made a comparative analysis of the programs' components, and based on this review has recommended improvements to these programs:

NOW THEREFORE

BE IT RESOLVED, That the outpatient nervous and mental benefit of the major medical coverage for the conventional program and the University's Alternative Health Plan out-of-network benefits be improved from 80% of the first \$500 after applying the deductible to 80% of the first \$1200 after applying the deductible. The estimated annual cost of this improvement to the University is \$122,400. The vision program benefits be improved as follows:

	<u>Present</u>	<u>New</u>
Examination	\$ 25.00	\$ 30.00
Single Vision Lenses	30.00	45.00
Bifocals	40.00	70.00
Trifocals	60.00	70.00
Lenticular	100.00	100.00
Contact Lenses (if medically necessary)	160.00	100.00
Frames	25.00	30.00

The benefit frequency will remain at once every 24 months. The benefit may apply once every 12 months, if medically necessary, for individuals with the following medical conditions: myopia and esotropia for children, glaucoma and cataracts for adults.

The estimated annual cost of these benefit improvements to the University is \$53,067; the faculty/staff will pay the additional premium for their dependents; and

BE IT FURTHER RESOLVED, That effective January 1, 1987, the above benefit improvements be implemented under the group policies as underwritten by John Hancock Mutual Life Insurance Company and Community Mutual Insurance Company.

November 7, 1986 meeting, Board of Trustees

**IMPROVEMENTS IN MAJOR MEDICAL AND
VISION PROGRAM BENEFITS (contd)**

Upon motion of Mr. Teafor, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 87-55

RESOLVED, That the report on the University's Investment Portfolio, dated October 17, 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**FIRST QUARTER REPORT -
1986-87 CURRENT FUNDS BUDGET**

Resolution No. 87-56

RESOLVED, That the first quarter report on the 1986-87 Current Funds Budget, dated November 7, 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, December 4, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

Daniel M. Galbreath
Chairman

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APPENDIX II

Degrees Conferred at

**THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION**

December 12, 1986

Commencement Speaker

Mary L. Good

Mary L. Good is president of Engineered Materials Research for Allied-Signal, Inc., an advanced technology company whose primary businesses are in aerospace/electronics, automotive, and engineered materials. She is also president-elect of the American Chemical Society, the world's largest professional scientific organization devoted to a single discipline. Her professional activities have encompassed both academic and industrial scientific research and have included a continuing role in science policy at the national level.

A Texan by birth, Good grew up and was educated in Arkansas. After receiving a Ph.D. in inorganic chemistry from the University of Arkansas at Fayetteville in 1954, she began a career of teaching and research in chemistry and materials science with the Louisiana State University System and the University of New Orleans. Good moved into industry in 1980, becoming vice president and director of research at UOP, a company well known in the industry for its oil and gas processing technology.

Good's activities in science policy include service on the National Science Board and on several National Academy of Science panels and government advisory committees. Her service in other professional organizations includes five years as president of the Inorganic Division of the International Union of Pure and Applied Chemistry.

Good also has been active in the community, contributing service to such organizations as Zonta International, in which she serves as chair of the Amelia Earhart Awards Committee, and as a member of the Chicago Network. She is a member of the board of trustees of the Rensselaer Polytechnic Institute in Troy, New York, and of the board of directors of the Industrial Research Institute.

She was elected a fellow of the American Association for the Advancement of Science in 1986 and has received honorary doctoral degrees from the University of Arkansas, the University of Illinois-Chicago, and Clarkson University. The University is proud to welcome this very distinguished member of the scientific world to our campus today.

Recipients of Honors

Frederick J. Doyle Doctor of Science

Frederick J. Doyle is currently the senior advisor for cartography at the National Mapping Division of the U.S. Geological Survey in Reston, Virginia. He plans, directs, and performs research on aircraft and space sensors and ground processing systems for the National Mapping Program. He also is an adjunct professor of photogrammetry at George Washington University and Virginia Polytechnic Institute and State University. Prior to joining the survey in 1967, Doyle was an assistant professor of photogrammetry and first chairperson of the Department of Geodetic Science at Ohio State.

Born in Oak Park, Illinois, Doyle received his bachelor's degree in civil engineering *summa cum laude* in 1951. He studied at the International Training Centre for Aerial Survey in Delft, Netherlands, on a Fulbright Fellowship and did graduate work in mathematics at Ohio State and in astronomy at Georgetown University.

In recent years, Doyle's primary concerns have been the applications of satellites to reconnaissance and mapping. He was chairperson of the Apollo Orbital Science Photographic Team and received the NASA medal for exceptional scientific achievement for his work in lunar mapping. One of Doyle's most significant accomplishments was his work with the large format camera that was first flown on October 5, 1984, on Space Shuttle Mission STS-41-G, reflecting 20 years of research. Over 2,000 pictures were received by the world's mapping community, marking the first time that space photography suitable for maps was obtained for civilian purposes.

His scientific and leadership qualities have been recognized nationally and internationally by his election as president and honorary life member of the American Society of Photogrammetry and his service as secretary general and president of the International Society of Photogrammetry and Remote Sensing.

Doyle has received Meritorious and Distinguished Service Awards from the Department of the Interior, and an honorary Doctor of Engineering degree from the Technical University of Hannover, Federal Republic of Germany. The Ohio State University is delighted to recognize this very distinguished scientist, teacher, researcher, administrator, and former faculty member.

Arthur E. Adams Distinguished Service Award

Since 1970, when he joined Ohio State as the second dean of the College of Humanities, Arthur E. Adams has epitomized the outstanding service that helps to make Ohio State the institution it is today. Coming to Ohio State from Michigan State, Adams brought with him the ideals of liberal education, serious scholarship, and the notion of responsible faculty governance.

Under Adam's seven-year leadership, the College of Humanities nurtured and expanded departments in a time of difficult growth and change. Under his leadership, the Department of Black Studies and the Center for Comparative Studies were established. During his time, Adams was also a professor in the Department of History and continued to work on his own scholarly activities outside the University. These activities included membership on the Accreditation Commission of the American Council on Higher Education, the Board for Radio Free Europe/Radio Liberty, and the Midwestern Universities Consortium for International Activities.

Adams helped bring the University Senate, the governing body of the Ohio State faculty, into being during the early 1970s. Adams also contributed substantially to the development of the Office of Continuing Education, serving as vice provost from 1978-82 and expanding opportunities for education to non-traditional students. From 1982-84 he served as a special assistant to the president and the vice president for research and graduate studies, working toward the development of The Ohio State University Research Park. Adams retired from the University as professor emeritus of history in 1984.

Adams has served on many councils and committees within the University, and has published several books and numerous articles. He has traveled extensively in Europe and the USSR, attending many conferences with government and academic participants. Ohio State is grateful for his many years of dedication to academia and is pleased to extend this honor to him.

Recipients of Honors

Paul G. Craig Distinguished Service Award

Paul G. Craig is professor emeritus of public administration and economics at Ohio State. He served as a faculty member from 1951-70 and from 1972 until his retirement in 1980. Since then he has worked as a consultant in economic forecasting, regional economic analysis and financial analysis for banks, insurance companies, and government.

A native of Middletown, Craig received his bachelor's degree from Otterbein College and his master's and Ph.D. degrees in economics from Ohio State. He served as chairperson of the Department of Economics, as the first dean of the College of Social and Behavioral Sciences, and as the chairperson of the Coordinating Council of Deans for the Colleges of the Arts and Sciences.

Craig was a Ford Foundation Post-Doctoral Fellow in the Institute of Basic Mathematics for Application to Business at Harvard University. He is a member of Beta Gamma Sigma and Phi Beta Kappa. During his career at Ohio State, Craig developed the managerial economics course in the Executive Development Program. He also served on the Faculty Council and was president of the Faculty Club.

He has several civic and professional activities to his credit, including chairperson of the Advisory Committee for Economic Development for the Columbus Area Chamber of Commerce; member of the Ohio Citizens Council for Health and Welfare; member of the Universities Committee of the National Bureau of Economic Research; and trustee of Otterbein College. Craig's long years of service to the fields of economics, public administration, and higher education for business, and to Ohio State uniquely qualify him for this award.

Weldon A. Kefauver Distinguished Service Award

For twenty-six years Weldon A. Kefauver served Ohio State and the publishing world with special distinction as director of The Ohio State University Press. Under his leadership, the University Press has become one of the most well-respected academic presses in the country. Now director emeritus, Kefauver developed a series of publications in the humanities, social sciences, legal studies, and education.

Kefauver is responsible for the University Press' publication of Helen Hooven Santmyer's bestselling book . . . *And Ladies of the Club*,—a book which sold more copies than any other book originally published by a university press. He is well known for his ability to work with authors and editorial boards, for his high standards of excellence, and for nurturing young authors in the development of their work.

Kefauver has been recognized many times by his publishing peers. He has served on the board of directors and as president of the American Association of University Presses and has attended the Asian Conference on Publishing. He has often contributed to *Editor, Author, and Publisher* and has edited *Scholars and Their Publishers*.

He is the recipient of the Association of American University Presses Golden Fluke Award, the Association's Medal in 1984, the Johns Hopkins University Press Centennial Medal, a Citation from the Ohioana Library Association, and The Ohio State University Centennial Service Award.

Kefauver is an alumnus of The Ohio State University, a member of the Society of Scholarly Publishing, the Nathaniel Hawthorne Society, and the Association of American University Professors. He has instituted a great tradition of excellence for The Ohio State University Press. In recognition of his many years of outstanding dedication, Ohio State is pleased to present him with the Distinguished Service Award.

The Graduate School

Dean: Roy A. Koenigsknecht

Doctor of Musical Arts

James Edward Lucas, Bartlesville, OK; B.S. (Roberts Wesleyan College); M.M. (Butler University); *Music*
Dr. Marshall H. Barnes

Doctor of Philosophy

Sanjeev Agarwal, Ghaziabad, U.P., India; B.E. (University of Roorkee); M.S. (University of California); M.A.; *Business Administration*
Dr. Lee C. Nehrt

Hezkiah Aharoni, Bexley; B.S. (Youngstown State University); M.A., M.A.; *Health, Physical Education and Recreation*
Dr. Seymour Kleinman

Abdulrahman A.M. Al-Attibi, Riyadh, Saudi Arabia; B.A. (King Saud University); M.A. (Denver University); *Communication*

Dr. Donald J. Cegala, Dr. James Golden
Ahmed A.G. Alghamedy, Saudi Arabia; B.S. (Southern Colorado University); M.A. (Adams State College); *Art Education*
Dr. Kenneth Marantz

Barbara Jane Boyd Ambrose, Columbus; B.S. (Allegheny College); *Chemistry*
Dr. Reynaldo C. Pless

Hussein Yousry Amin, Cairo, Egypt; B.A., M.A. (Helwan University); *Education*
Dr. I. Keith Tyler, Dr. Elsie J. Alberty

George Philip Anderson III, Springfield; B.S.; *Biochemistry*
Dr. Elizabeth L. Gross

Lucille Marilyn May Kriger d'Amorim Antony, Manaus, Amazonas, Brazil; B.Sc. (Universidade Federal do Amazonas); M.S.; *Entomology*
Dr. Donald E. Johnston

Jeffrey Joseph Ares, Gardner, MA; B.S. (University of Rhode Island); *Pharmacy*
Dr. Duane D. Miller

Mark Alan Baich, Burbank, IL; B.S. (University of Illinois Chicago Circle); M.S.; *Chemical Engineering*
Dr. Duane R. Skidmore

Deborah Louise Bainer, Dover; B.S. (Geneva College); M.S.; *Education*
Dr. Donald R. Cruickshank

James J. Baker, Carrboro, NC; B.S.Ed., M.A.; *Health, Physical Education and Recreation*
Dr. Robert L. Bartels

Carl W. Bergmann, Crystal River, FL; B.S. (State University of New York at Stony Brook); *Chemistry*
Dr. Derek Horton

Lloyd Patrick Blenman, Georgetown, Guyana; B.S. (University of Guyana); M.A. (University of Western Ontario); *Economics*
Dr. J. Huston McCulloch

Jorge Avelino Brea-Porteiro, Montevideo, Uruguay; B.A. (University of Pittsburgh); M.A. (University of Maryland); *Geography*
Dr. Lawrence A. Brown

Duane Everett Bright, Colorado Springs, CO; B.S., M.A. (University of Wisconsin-Milwaukee); *Education*
Dr. Gilbert A. Jarvis

Helmut Josef Buchner, Bonn, Federal Republic of Germany; Ing.Grad. (Fachhochschule Koln); M.S.; *Electrical Engineering*
Dr. Hooshang Hemami

Karen Ann Callaghan, Columbus; B.A. (LaSalle College); M.A.; *Sociology*
Dr. Alfred C. Clarke

Dennis Edwin Campbell, Beaver Creek; B.S. (Commerce University of Alabama); M.B.A. (Clark University); *Education*
Dr. William D. Dowling

Arnon Chait, Ramat-Gan, Israel; B.S., M.S., M.B.A.; *Mechanical Engineering*
Dr. Seppo A. Korpela

Chi-Yu Chen, Taiwan, R.O.C.; B.S. (Tungshai University); M.S.; *Chemical Engineering*
Dr. Duane R. Skidmore

Chung-Pin Chen, Taipei, Taiwan, R.O.C.; B.S. (Soochow University); M.S. (National Tsing Hua University); *Chemistry*
Dr. John S. Swenton

Ikguen Choi, Seoul, South Korea; B.S., M.S. (Seoul National University); *Electrical Engineering*
Dr. Prabhakar H. Pathak

Pongpan Chuatong, Chiangrai, Thailand; B.S. (Kasetsart University); M.Ed. (University of Hawaii); *Agricultural Education*
Dr. J. Robert Warmbrod

Melissa Moorhead Conrath, Marion; B.A. (Ohio Wesleyan University); M.S. (Bowling Green State University); *Education*
Dr. Patricia E. Blosser

Aida Apter Cragnolino, Port Jefferson, NY; Lawyer (Universidad de Buenos Aires); M.A.; *Romance Languages and Literatures*
Dr. Grinor Rojo

Kerry John Cramer, Worthington; B.S., B.S.Ed., M.Ed. (Indiana University of Pennsylvania); M.A.; *Education*
Dr. James E. Kerber

Inez Weekley Curry, Ripley, WV; B.A. (Salem College); M.A.; *Education*
Dr. Frank Zidonis

Jay B. Dean, Mason, MI; B.S. (Central Michigan University); M.S. (Michigan Technological University); *M.S.; Physiology*
Dr. Jack A. Boulant

James Patrick DeLany, Columbus; B.S., M.S.; *Home Economics*
Dr. Virginia M. Vivian

James Steven Dingman, Columbus; B.S. (Old Dominion University); M.S.; *Civil Engineering*
Dr. Keith W. Bedford

Barnabas Manene Dlamini, Manzini, Swaziland; B.S. (University of the Philippines at Los Banos); M.S. (West Virginia University); *Agricultural Education*
Dr. Larry E. Miller

Theoclaire Barrett Duckworth, Slidell, LA; B.S. (Southern University); M.Mus.Ed. (Vandercook College); *Education*
Dr. William Moore, Jr.

Lynnette Frances Rae Embrey, Perth, Australia; Dip.P.E. (University of Melbourne); B.Ed., M.P.E. (University of Western Australia); M.Ed. (Murdoch University); *Health, Physical Education and Recreation*
Dr. Daryl L. Siedentop

Larry W. Emmelhainz, Columbus; B.S.Bus.Adm.; M.S. (Air Force Institute of Technology); *Business Administration*
Dr. Bernard J. LaLonde

Joanne Jocha Ervin, Dayton; B.S.Ed., M.A.; *Communication*
Dr. Victor Wall

Michael Erwin Everson, Oak Park, IL; B.A., (University of Wisconsin); M.A. (University of Hawaii); *Education*
Dr. Gilbert A. Jarvis

Ann Miller Fadley, Columbus; B.A., M.A.; *English*
Dr. David O. Frantz

Ying-Hui Fu, Taiwan, R.O.C.; B.S. (National Chung-Hsing University); *Biochemistry*
Dr. George A. Marzluft

Genetta Ann Gardner, Cincinnati; B.A. (Wright State University); M.A.; *History of Art*
Dr. Francis L. Richardson

Hilary Tony Godard, Dobbs Ferry, NY; B.S., M.S. (University of Virginia); *Ceramic Engineering*
Dr. Katherine T. Faber

J. June Wilson Goll, Tallahassee, FL; B.S., M.S. (Kansas State University); M.S. (Kansas State University Emporia); *Home Economics*
Dr. Lois E. Dickey

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Dr. Clark A. Mount-Campbell

Alberto Gonzalez, Fremont; B.S. (Bowling Green State University); M.A.; *Communication*
Dr. John J. Makay

Terry Suzanne Goodrick, West Lafayette, IN; B.A. (Earlham College); M.A.; *Psychology*
Dr. Philip M. Clark

Kathy Cameron Graham, Walterboro, SC; B.S. (Winthrop College); M.A.T. (University of South Carolina); *Health, Physical Education and Recreation*
Dr. Daryl L. Siedentop

Debra Sue Gross, Northampton, MA; B.A. (University of Michigan); M.C.R.P., M.A.; *Political Science*
Dr. Randall B. Ripley

Sarry Fouad Habiby, Beirut, Lebanon; B.S. (Oklahoma State University); M.S.; *Electrical Engineering*
Dr. Stuart A. Collins

Jack Charles Hall, Wilmington, NC; B.S. (Grand Valley State College); M.S. (University of North Carolina); *Geology and Mineralogy*
Dr. Stig M. Bergstrom

Mary Sayer Hammond, Athens, GA; B.F.A., Ed.S., M.F.A. (University of Georgia); *Art Education*
Dr. Kenneth A. Marantz

Felton Martin Hankins, Warren, AR; B.A., M.A. (University of Arkansas); *Sociology*
Dr. Kent Schwirian

Penelope Hanstein, Denton, TX; B.A. (Arizona State University); M.F.A. (University of California); *Art Education*
Dr. Arthur D. Efland

Israel Harari, Haifa, Israel; B.A. (University of Haifa); M.A.; *Health, Physical Education and Recreation*
Dr. Daryl L. Siedentop

Patrick John Harsch, Columbus; B.S. (Northern Michigan University); M.S. (Central Michigan University); *Health, Physical Education and Recreation*
Dr. Robert Kaplan

Jeffrey Scott Hatfield, West Chester; B.A., M.S. (Miami University); M.Appl.Stat.; *Biostatistics*
Dr. Peter L. Chesson

Yu He, Tianjin, P.R.C.; B.S. (University of Science and Technology of China); *Physics*
Dr. Ciriyan Jayaprakash

William Henry Hochstetler III, Worthington; B.S. (Washington University); M.S. (Pennsylvania State University); *Computer and Information Science*
Dr. Jayashree Ramanathan

David Renwick Houck, Fanwood, NJ; B.S. (Alma College); M.S. (Purdue University); *Chemistry*
Dr. Heinz G. Floss

Sally Georgette Hoyle, Laurel, MD; B.A. (Brandeis University); M.A.; *Psychology*
Dr. Felicisima C. Serafica

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Dr. Herman R. Weed

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Dr. Howard A. Newman

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Dr. Anthony G. Greenwald

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Dr. Luvern Cunningham

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Dr. John A. Lott

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Dr. Thomas Byers

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Dr. David L. Moffatt

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Dr. James G. Gottling

Edith Cordelia Kirk, Urbancrest; B.A. (University of South Africa); M.A.; M.S.; *Social Work*
Dr. Keith M. Kilty

Susan Frances Kobs, Cadillac, MI; B.S. (Central Michigan University); *Biochemistry*
Dr. Edward J. Behrman

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Dr. Robert A. Rapp

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Dr. William A. Jensen

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Dr. Lawrence A. Brown

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Dr. Alan G. Marshall

Sam Lai Lee, Seoul, South Korea; B.S. (Han-Yang University); M.S. (Brunel University); *Engineering Mechanics*
Dr. June K. Lee, Dr. D. J. Unger

Yein-Ming Leo Lee, Taipei-Hsien, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S.; *Chemical Engineering*
Dr. Ly J. Lee

Yung-Huei Lee, Tamshui, Taipei, R.O.C.; B.S. (National Chiao Tung University); M.S.; *Electrical Engineering*
Dr. James G. Gottling

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Dr. William S. Dancy

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Dr. Richard K. Russell

Yong-Long Calvin Ling, Taipei, Taiwan, R.O.C.; B.S. (Fu-jen Catholic University); M.S.; *Electrical Engineering*
Dr. Karl W. Olson

Michael Jay Littman, Fall River, MA; B.A. (University of Massachusetts at Amherst); M.Ed. (Auburn University); *Vocational Education, Comprehensive Program*
Dr. Thomas R. White

Patrick James Mannix, Cleveland; B.A., M.A. (John Carroll University); *English*
Dr. Edward P. Corbett

Claudette McFadden-Preston, Baltimore, MD; B.A. (Morgan State College); M.A.; *Communication*
Dr. John J. Makay

Jane A. Molinaro, Frazer, PA; A.B. (Immaculata College); M.Sci.Ed. (Virginia State University); *Education*
Dr. Robert W. Howe

Matthew John Morra, Wooster, B.A. (The College of Wooster); M.S. (Duke University); *Agronomy*
Dr. Warren A. Dick

James T. Moser, Lexington, KY; B.S. (Virginia Commonwealth University); *Business Administration*
Dr. Edward J. Kane

Ujjanagouda B. Nandihalli, Sidenur, Karnataka, India; B.Sc. (University of Agricultural Sciences); M.Sc. (G.B. Pant University); *Agronomy*
Dr. Leo E. Bendixen

Linda Sue Neff, Columbus; B.S. (Ohio University); M.S.; *Education*
Dr. Marlin Languis

Amy Jane Nelson, Philadelphia, PA; B.A. (Dartmouth College); *Botany*
Dr. Michael L. Evans

Jennie Lee Nickel, Chillicothe; B.S. (Berea College); M.S. (University of Kentucky); *Preventive Medicine*
Dr. Thomas N. Chirikos

Maria Jose Demoura Brit Nobre, Lisbon, Portugal; Curso Superior de Pia (Conservatorio Nacional-Lisbon, Portugal); Cours d'Ondes Marten (Conservatoire National Supérieur de Musique de Paris); *Art Education*
Dr. Kenneth Marantz

Bülent Önay, Izmir, Turkey; B.S. (Middle East Technical University); M.S.; *Metallurgical Engineering*
Dr. Robert A. Rapp

Satish Krishnamurth Pejaver, Bangalore, Karnataka, India; B.Pharm., M.Pharm. (Government College of Pharmacy); *Pharmacy*
Dr. Robert E. Notari

Carl Wilhelm Irene Pistorius, Pretoria, Republic of South Africa; B.S., B.Eng. (University of Pretoria); M.S.; *Electrical Engineering*
Dr. Walter D. Burnside

Ronald Lee Powell, Delaware; B.S., M.S.; *Agricultural Education*
Dr. L. H. Newcomb

Martha C. Rader, Ponte Vedra Beach, FL; B.S., M.S.; *Education*
Dr. Robert R. Bargar

Peter Carl Ratsep, Port Murray, NJ; B.S. (Fairleigh Dickinson University); *Chemistry*
Dr. Reynaldo C. Pless

Robin Allison Reed, Satellite Beach, FL; B.A. (Ohio Wesleyan University); M.A.; *Psychology*
Dr. Samuel H. Osipow

Toni Reed, Columbus; B.A., M.A.; *English*
Dr. Daniel R. Barnes

Edward M. Reeve, Parma; B.S., M.A.; *Education*
Dr. James J. Buffer, Jr.

Donald Lee Reynolds, Doylestown; B.S.Agr., D.V.M.; *Poultry Science*
Dr. Yehai M. Saif

Helen Davis Rodebaugh, Garden City, KS; B.S., M.S., Ed.S. (Fort Hayes State University); *Education*
Dr. Joseph J. Quaranta

Randall Lee Rose, Columbus; B.A., M.B.A. (University of Tennessee); *Business Administration*
Dr. Peter R. Dickson

Thomas John Rosol, Columbus; B.S., D.V.M. (University of Illinois); *Veterinary Pathobiology*
Dr. Charles C. Capen

Michael A. Ruizzo, Magnolia, NJ; B.S. (Rutgers University); M.S.; *Horticulture*
Dr. Stanley F. Gorski

Michael Thomas Rupp, Scott City, KS; B.S. (University of Kansas); M.S.; *Pharmacy*
Dr. Dev S. Pathak

Patricia Mary Ryan, Columbus; B.A. (Ohio Dominican College); M.A.; *Education*
Dr. Nancy L. Zimpher

Attila Sali, Budapest, Hungary; B.A., M.S. (Eotvos University, Budapest); *Mathematics*
Dr. Eiichi Barnai

Nada Rankovic Sanders, Columbus; B.S. (Franklin University); M.B.A.; *Business Administration*
Dr. Larry P. Ritzman

Ashraf Emâm-mm Seifeldin, Cairo, Egypt; B.S. (Cairo University); M.B.A.; *Business Administration*
Dr. Lee C. Nehrt

Abha Sharma, Indore, India; B.Sc. (Indore University); M.Sc. (Indian Institute of Technology, Kanpur); *Statistics*
Dr. Douglas A. Wolfe

Dah-Chung Shieh, Nantou, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); M.S. (University of Texas at El Paso); *Chemistry*
Dr. Prabir K. Dutta

Jeffery Kent Springston, Eaton, CO; B.A. (Colorado State University); M.A. (California State University at Los Angeles); *Communication*
Dr. Victor D. Wall

Raymond George Stokes, Marietta; B.A. (New College of the University of South Florida); M.A.; *History*
Dr. Alan D. Beyerchen

Richard Emil Straub, Dunmore, PA; B.A. (University of Miami); M.A. (Clemson University); *English*
Dr. Frank O'Hare

Donald Raymond Swanson, St. Paul, MN; B.S. (University of Minnesota); *Physics*
Dr. D. Edwards

Atrayee Taneja, Allahabad, U.P., India; B.Sc. (University of Allahabad); M.Appl.Stat., M.S.; *Statistics*
Dr. Douglas A. Wolfe

Juipeng Andy Tang, Tungshiao, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S.; *Industrial and Systems Engineering*
Dr. Richard A. Miller

Carol Sue Taylor, Guthrie, OK; B.S. (Langston University); M.A.; *English*
Dr. Patrick B. Mullen

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Sreenivas Jayanti, Visakhapatnam, India; B.Tech. (Indian University of Tech., Varanasi); *Nuclear Engineering*

Dah-Shyong Jiang, Taipei, Taiwan, R.O.C.; B.S.Ed. (National Taiwan Normal University); *Preventive Medicine*

Paul Robert Jivoff, Fayetteville, NY; B.A. (Hartwick College); *Environmental Biology*

Tony Ramos Joaquim, Newark, NJ; B.A. (Rutgers University); *Plant Pathology*

Alex James Kamis, Wheeling, WV; B.S. (West Virginia University); *Electrical Engineering*

Nader Kamrani, Tehran, Iran; B.S.; *Electrical Engineering*

Chin-Cheng Kau, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Electrical Engineering*

Shahriar Khabiri, Columbus; B.S.; *Chemical Engineering*

Christine Ann Kiel, Middleburg Heights; B.A. (Ohio Wesleyan University); *Computer and Information Science*

Youn-Kyung Kim, Seoul, South Korea; B.A. (Seoul National University); *Home Economics*

Edward Leonard Kray III, Keezletown, VA; B.S.E.E.; *Bio-Medical Engineering*

Michael Norbert Kwasniewski, Aurora, CO; B.S. (Colorado State University); *Microbiology*

Alexander Joseph Lacalle, Elizabeth, NJ; B.S.M.E.; *Mechanical Engineering*

April Calhoun Lahm, Worthington; B.S.Nat.Res.; *Natural Resources*

Waiming Lawrence Lau, Happy Valley, England; B.S. (University of Texas at Austin); *Engineering Mechanics*

Oh-Young Lee, Seoul, South Korea; B.S. (Yonsei University); *Civil Engineering*

Shing-Chuan Lee, Taipei, Taiwan, R.O.C.; B.S. (Fu-Jen Catholic University); *Home Economics*

YenPhone Rock Lee, Columbus; B.A. (National Taiwan University); M.A.; *Computer and Information Science*

Sheila Diane Lehman, Columbus; B.A. (Ohio Dominican College); Diploma (Grant Hospital School of Nursing); *Home Economics*

David Alan Leiby, Easton, PA; B.S. (Lafayette College); M.S. (Rutgers University); *Zoology*

Wen-Lin Liao, Hsin-Chu, Taiwan, R.O.C.; B.S. (Chung-Yuan University); *Industrial and Systems Engineering*

Isabella Maria Lico, Grosse Pointe Shores, MI; B.S. (University of Michigan, Ann Arbor); *Chemistry*

Blaine W. Lilly, Jr., Hilliard; B.A., B.S.; *Mechanical Engineering*

Chin Leong Lim, Kuala Lumpur, Malaysia; B.S.; *Civil Engineering*

Meily Lin, Taipei, Taiwan, R.O.C.; B.S. (National Chengchi University); *Statistics*

Brenda Kay Lord, Galena; B.S.; *Geology and Mineralogy*

Robert Michael Lowry, Columbus; B.S.; *Geology and Mineralogy*

Jose Ricardo Macian, Columbus; B.S.; *Electrical Engineering*

Victor Lee Martin, Orrville; B.S. (University of Akron); *Agronomy*

Trudy Kindler Mason, Columbus; B.S. (The American University); *Nursing*

Phillip Wayne Maxson, Mt. Vernon; B.A. (Mount Vernon Nazarene College); *Computer and Information Science*

Sheri Lynn McClarren, Grove City; B.S.; *Natural Resources*

James Kerwin McDowell, Columbus; B.S.; *Chemical Engineering*

Alma C. McPhatter, Pickerington; B.S. (North Carolina A&T State University); *Computer and Information Science*

Theresa M. Moon, Columbus; B.S.; *Pharmacy*

Susan Elaine Mowder, Westerville; B.S. (Morehead State University); *Home Economics*

Grant William Nelson, Warren; B.S.M.E.; *Mechanical Engineering*

Kenneth Patrick Nephew, Cincinnati; B.S.; *Dairy Science*

Enrico Nunziata, Torino, Italy; B.S. (Politecnico di Torino); *Bio-Medical Engineering*

Chao Ou-Yang, Taiwan, R.O.C.; B.S. (Feng-Chia University); *Industrial and Systems Engineering*

Panickos Neophitos Palettas, Limassol, Cyprus; B.S. (University of Athens-Greece); *Statistics*

Ellen Anne Patricia, Oneida, NY; B.A. (Ohio Wesleyan University); *Physiology*

Debra Ann Penkalski, Broadview Heights; B.S. (Miami University); *Mathematics*

James Cecil Phillips, Plain City; B.S.; *Agronomy*

Daryl Thomas Poe, Columbus; B.S.E.E., B.S.C.I.S.; *Computer and Information Science*

Audrey L. Pope, Cheyenne, WY; B.A. (Saint Cloud State University); *Geodetic Science and Surveying*

Evan Baker Preston, Columbus; B.S.; *Geodetic Science and Surveying*

Aryono Prihandito, Yogyakarta, Indonesia; B.S. (Gadjah Mada University); *Geodetic Science and Surveying*

Suksan Prombanpong, Bangkok, Thailand; B.S. (King Mongkut's Institute of Technology); *Industrial and Systems Engineering*

Moh'd Subhi Khalil Qatu, Jordan; B.S. (Yarmouk University); *Engineering Mechanics*

Linda Hollar Raether, Columbus; B.S. (Purdue University); *Genetics*

Philip Alan Rasor, Jr., Upper Arlington; B.S.; *Civil Engineering*

Ann Westbrook Reiners, Mad River; B.I.E. (Georgia Institute of Technology); M.S.I.R. (Troy State University); *Industrial and Systems Engineering*

Lynn Martha Retallack, Columbus; B.S.M.E.; *Mechanical Engineering*

Terry Dean Rings, Columbus; B.S. (West Virginia University); *Bio-Medical Engineering*

Jefferson G. Risner, Minford; B.S.; *Electrical Engineering*

Thomas Courtney Roberts, Columbus; A.B. (Harvard University); *Pathology*

Hans H. Rodriguez Schnackenberg, Columbus; B.S. (California State University); *Electrical Engineering*

Susan Lynn Rohrbough, Cambridge; B.S. (Bowling Green State University); *Home Economics*

Connie Sue Rowlands, Worthington; B.S.N.; *Nursing*

Obed Scott Sands, Columbus; B.S.; *Electrical Engineering*

Laura Ann Scanlan, Vernon, NY; B.S. (University of Rochester); *Bio-Medical Engineering*

John F. Scott, Westerville; B.S.; *Mathematics*

Karen Christine Scott, Columbus; B.S.; *Poultry Science*

Mary Carolyn Secrist, Columbus; B.S.Nurs.; *Nursing*

El Hassane Semlali, Columbus; B.S. (Institute Agronomique et Veterinaire); *Geodetic Science and Surveying*

Clifford C. Shang, Huber Heights; B.S.E.E.; *Electrical Engineering*

James Grady Sheek, Dixon, MO; B.S. (University of Missouri-Rolla); *Ceramic Engineering*

Daniel Joseph Sheridan, Marion; B.S.; *Pharmacy*

Susan Burkhart Shumar, Canton; B.S.; *Nursing*

Walter Wesonga Siganga, Hyattsville, MD; B.S. (Howard University); *Pharmacy*

Beverly J. Skiles, Mansfield; B.S.Nurs.; *Nursing*

John Edward Sohl, St. Petersburg, FL; B.S. (University of West Florida); *Physics*

Michael Solli, Cleveland; B.S.; *Entomology*

Kenneth John Stein, Sheffield Lake; B.A. (University of Toledo); *Entomology*

Scott Omer Stiving, Lancaster; B.S.; *Bio-Medical Engineering*

Joung Hyun Suh, Seoul, South Korea; B.E. (Han Yang University); *Welding Engineering*

Timothy Alan Taylor, Newark; B.S.Ed.; *Natural Resources*

Avraham Yaakov Teitz, Bexley; B.S. (Rutgers University); *Horticulture*

Pavithran Devadoss Thomas, Madras, Tamil Nadu, India; B.Tech. (Indian Institute of Technology, Madras); *Mechanical Engineering*

Eric Allen Thornton, Midland; B.S.; *Agricultural Engineering*

Mark Andrew Tirpack, Campbell; B.E. (Youngstown State University); *Bio-Medical Engineering*

Nengkuan Tu, Taipei, Taiwan, R.O.C.; B.S. (Tsing Hua University, Taiwan); *Physics*

Robert John Ulman, Standardsville, VA; B.S. (Virginia Polytechnical Institute); *Electrical Engineering*

Omer Cihad Vardan, Istanbul, Turkey; B.S. (Istanbul Technical University); *Industrial and Systems Engineering*

Randolph Vires, Lorain; B.S.; *Computer and Information Science*

Patricia Linda Vornberger, Amherst, NH; B.S. (University of New Hampshire); *Geology and Mineralogy*

Daniel Ray Wallem, Issaquah, WA; B.S.Met.E. (University of Washington, Seattle); *Metallurgical Engineering*

Bo-Wei Wang, Taipei, Taiwan, R.O.C.; B.S. (Tunghai University); *Industrial and Systems Engineering*

Wendy Adams Ware, Columbus; B.Mus. (Westminster Choir College); D.V.M.; *Veterinary Clinical Sciences*

Joseph Michael Watts, Bridgeville, PA; B.S. (Pennsylvania State University); M.A. (University of Kentucky); *Geodetic Science and Surveying*

Margaret Lou Wheeler, Gallipolis; B.S.Nurs., M.S. (Ohio University); *Nursing*

Julie Gail Wilkinson, Dayton; B.S.; *Genetics*

Christine K. Winkelmann, Cleveland; B.S., M.A.; *Physiology*

Christine Marie Wires, Wooster; B.S.; *Mechanical Engineering*

Ting-Kang Xia, Peking, P.R.C.; B.S. (Peking University); *Physics*

Master of Social Work

Donna Jean Robinson, Sidney; B.S. (Kent State University); *Social Work*

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
Andrew J. Broekema

Vice Provost for the Arts and Sciences:
Thomas A. Willke

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of the Arts
College of Biological Sciences
College of Humanities
College of Mathematical and Physical Sciences
College of Social and Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Brent Louis Baker, Celina
Sallie Kate Bourne-Arnett, Columbus
Mary Ann Gillmore, Mentor
Paul Elek Kovach, Worthington
Krista Kaye Rave, Marion
Richard Craig Reese, Columbus
Denise Janée Schneider, Beavercreek
George Edward Schwindt, Columbus
Anna Christine Scott, Westerville
Patricia Joann Simons, Detroit, MI
Cezarina Despina Toaxen, Cleveland

Bachelor of Fine Arts

James Michael Campbell, Lucasville
Mary Ann Fish, Columbus
Donna Fragapane, Broadview Heights
Karen Lisa Goldberg, Columbus
Michelle Matheus, Ashland
Nancy Ann Michaels, Seven Hills
William James Mounts, Fairlawn
Carla Knaus Napoli, Hamilton
Vincent Algene Smith, Canton
Mary Joan Visintine, Columbus
Eloise Gramly Watson, Mansfield
Wendy Ann Wright, Euclid
Jody Layne Wrinkle, Sunbury

Bachelor of Music

Theresa Ann Cincione, Columbus
Lora Jane Roberts, Columbus

Bachelor of Art Education¹

Judy Ann Lewis, Galion
Kristin Johanna Rainey Lott, Worthington
Susan Jane Pugh, Cincinnati

Bachelor of Art Education²

Dawn Marie Curlis, Dola
Valerie Long Donahue, Powell
Patricia Ann Landherr, Milford
Janet Sue Oberlin, Marysville
Wanda Oriana Sucheston, Columbus

Bachelor of Music Education²

Jeffrey Wayne Breitigam, Jenera
Theresa Ann Cincione, Columbus
Christie Carole Conrad, East Sparta
William Edwin Dilts, Ironspot
Susan M. Gudakunst, Columbus
Lora Jane Roberts, Columbus

Bachelor of Science in Audio Recording

David Sutton Matthews, Oklahoma City, OK

Bachelor of Science in Industrial Design

Vincent Lee Haley, Columbus
Douglas Robert Zellman, Marysville

College of Biological Sciences

Dean: William A. Jensen

Bachelor of Science

Joni Gaye Gordon Barstow, Mt. Vernon
Stephen Carl Bell, Port Clinton
Scott Preston Bloom, Shadyside
Michael Joseph Crist, Columbus
John Stephen Current, Scio
Daniel Joseph Davis, Munhall, PA
Iraida Mariela Falcon, Caracas, Venezuela
Melanie Anne Haban, Columbus
Susan Lee Hall, Columbus
Tatyana Hrcan, Mansfield
Eugene Stanley Hulshult, Jr., Hamilton
Renee Elaine Ickes, Polk
Carin Reiko Ishida, Cincinnati
Christopher Jon Klein, Dublin
Gerald Francis Klimo, Richfield

¹Offered by the College of the Arts

²Offered by the College of the Arts and the College of Education

Ann Elizabeth Melick, Roseville
Susan Jane Patterson, Kettering
Lynda Marie Perry, Columbus
Pamela Jo Phillips, North Olmsted
Kimberly K. Shrider, Columbus
Danuta Maria Stanczak, Seven Hills
Sudha Swamy, Kettering
Karen Sue Tefend, Granville
Stephen Edward Timmons, Jr., Cincinnati
David Alvine Urbanic, Brooklyn
Joy Carol Yoakum, Ithaca, NY

College of Humanities

Dean: G. Micheal Riley

Bachelor of Arts

Charles Allen Baker, Jr., Westerville
David Dawes Bolon, Columbus
Thomas Morton Bond, Lucas
Jane Elizabeth Bruns, Upper Arlington
Matthew Edward Burns, Brunswick
Kelly Lynn Calabrese, Pittsburgh, PA
Julia Annette Cassidy, Dayton
Hester Dings, Delaware
Todd A. Farrell, Dayton
Brent William Fissell, Fulton
C. Michael Freeburn, Columbus
Amy A. Fusselman, Chagrin Falls
Michael P. Garapic, Columbus
Anne Marie Gibbs, Arlington Heights, IL
Brian Scot Hagen, Tipp City
Gail Darlene Hamilton, Columbus
Susan Louise Hinkle, Utica
Csaga Katalin Hovanyi, Stockholm, Sweden
William Eugene Hughes, Columbus
Jennifer Anne Johnson, Cleveland Heights
Danny Edmond Jones, Cincinnati
Konstantina Ann Juras, Columbus
Daniel Joseph Karl, Wooster
Marjorie Aileen Kellogg, Columbus
Lynnette Anne Krieger, Upper Arlington
Leslie Raye Kron, Cincinnati
Christopher Robert Kupec, Kirtland
Derek Alexander Mahin, Woodland Hills, CA
Kimberley Gale Moran, Columbus
Jeffrey Scott Plungis, Cincinnati
Naomi Ruth Radwin, Columbus
Paul Jabez Reeves, Canton
Jean Marie Rosen, Columbus
Jeff Stephen Semberger, Youngstown
Robert Hoffman Shanks, Hudson
Blaine Edward Smrekar, Columbus
John Richard Stauffenger, Jr., Alliance
Kerin Ann Thomas, Naperville, IL
Trenton Jones Thorson, Pataskala
Stephen Thomas Tribbie, Cambridge
William C. Waddell, Columbus

College of Mathematical and Physical Sciences

Dean: C. William Kern

Bachelor of Arts

Mark Thomas Ahles, Mansfield
Rex Ingram Lane, Lakeside
Robert Stuart Naylor, Steubenville
Laura Kay Robinson, West Jefferson
Daniel Lee Shoenfelt, Indiana, PA
Adrienne Katrina Winston, Cleveland

Bachelor of Science

Tarek Omran Al-Mikhi, Amman, Jordan
Matthew Edward Burns, Brunswick
Karen Marie-Jeanne Butler,
Sewickley, PA
John Lee Cowan, Zanesville
Jamal M. Ershadi, Tehran, Iran
Julie Lynn Favetti, Toledo
Thomas B. Green, Columbus
Christopher Kirk Hall, Newcomerstown
Marcus Wayne Hensley, Columbus
John Kevin Jefferis, Richmond
Sung Gyo Lee, Columbus
Wendy Lee Lewis, Urbana
Deborah Christine Moroz, Middletown
Patricia Ellen Murphy, Columbus
Sheila Marie Musto, Lima
Mark Richard Nelson, Worthington
Michael David Oberlander, Columbus
Kirk Thomas Oberliesen, Worthington
Steven Andrew Pamer, Barberton
William A. Parsley, Columbus
Rex E. Plouck, Bryan
Pamela Sue Rader, Lima
Mark Scott Ramey, Westerville
Scott E. Roderick, Canton
Walter Sakir, Parma
Roazman Samad, Johor, Malaysia
Laura Lynn Schrock, Kent
Shannon LeeAnn Smith, Terrace Park
Timothy Paul Stewart, Lima
Bernard Stokes, Cleveland
Gary Walter Stuhlfauth, Columbus
Todd Carl Thorbahn, Oak Harbor
Mark Eugene Thrasher, Alexandria
Kristine Ann Westerheide, Minster
Gordon Jin Wong, Columbus

College of Social and Behavioral Sciences

Dean: Joan Huber

Bachelor of Arts

Patricia Lynn Agnew, Worthington
Ralph Ephraim Amos, Jr., Trotwood
Jill Aughenbaugh, Akron
Michelle Hope Baer, University Heights

Heidi Renate Ballard, Columbus
Brian Mark Bartko, Maple Heights
Mark Steven Becker, Canton
Eric Edwin Bell, Shaker Heights
Cheryl Lynne Benson, Toledo
Douglas H. Beyer, Jr., West Chester
James Charles Black, Willoughby
John Christopher Bornhorst, Hartford, CT
James Reynolds Boyd, Chesterland
Susan Marie Bracken, Wheeling, WV
Kelly Kagamas Branham, Urbana
D. David Carroll, Columbus
Susan Ann Carson, Columbus
Michael Paul Casey, Rocky River
Sheila Marie Catalano, Wooster
Ruth E. Cecil, Kettering
Nadir Chaudhri, Lahore, Pakistan
Julie Renée Cipriano, Bexley
Jeffrey Lynn Cisco, St. Marys
Susan Elaine Clark, Columbus
Valerie Lynn Cohen, Akron
Trevor Whitney Coleman, Hudson, NY
Craig Lawrence Conti, Columbus
Charmonette L. Crumley, Columbus
Michael James Curry, Columbus
Jeffrey Allen Dailey, Mt. Vernon
Sharon Lou Danniger, Columbus
Laura Elaine Dickey, Centerville
Kristen Leigh Doane, Chagrin Falls
Jennifer Ruth Ann Dodd, West Lafayette
Timothy Scott Durham, Columbus
Heidi Louise Ebel, Columbus
Michael Empolitti, Norwell, MA
Sandra Elizabeth Epshtein, Pittsburgh, PA
Lydia Esparra, Youngstown
Cynthia Ann Firestone, Columbus
Susan Lea Fogel, East Liberty
Michael Hamilton Folan, Cincinnati
Douglas Gregg Frame, Lore City
Anthony Joseph Frank, Columbus
Patrick Henry Frankl, Shelby
Diane Rachelle Freeman, Columbus
Janice Frey, Canton
Michael Jonathan Friedman, Cleveland
Thomas Joseph Glancey, North Palm
Beach, FL
Scott Allen Gray, Poland
Douglas Lee Green, Circleville
Mitchell Mel Greenwald, South Euclid
Ronald Curtis Groves, Columbus
Kevin Lee Grube, Defiance
Bonnie K. Guttman, Mayfield Heights
Carolyn Jane Gyuro, Columbus
Mary Ruth Habeck, Cuyahoga Falls
Patricia Anne Hackett, Toledo
Kevin Jay Hale, Dover
Earnestine E. Hargett, Mansfield
Kathleen Anne Harrington, Worthington
Eric Eugene Harrison, Powell
Jeffrey Harold Hartzell, Easton, PA
Robert Eric Heisler, Willard
Pamela A. Henak, Bucyrus
Jill Elaine Henry, Cincinnati
Mark Herman Hoeweler, Cincinnati
Michelle Renée Huffman, Pickerington
Bret Cameron Icenhower, Heath
Steven Earl Jackson, Upper Arlington
Dianna R. Jaynes, Westerville
Sadhna Jindal, Columbus
Susan Marie Johnston, Lima
Lisa Maria Joseph, Perrysville
Jeffrey Michael Judd, Dayton
Michael Anthony Julius, Columbus
James Joseph Karsatos, Fullerton, CA
David Ray Kelly, Johnstown
George Richard Kirk, Cuyahoga Falls
Regina Fay Kirk, Sardinia
David J. Kiwaiko, Rockford, IL
Glen Kubinski, Clark, NJ
Michael Jonathan Lawrence,
Syracuse, NY
Jeffrey E. Luchs, Cincinnati
William H. Lyddon, Chillicothe
Therese Marie Madden, Dayton
Palan Lynn Markopoulos, Warren
Linn Marie Marso, Alliance
Gillian Sue Martin, Shelby
Larry Allen McPheeters, Coshocton
Christopher J. Merchant, Upper Arlington
Sherri Lynn Miller, Columbus
Pamela Lynn Millhouse, Tipp City
David Landon Mills, Clarendon Hills, IL
Peter Emil Minshall, Columbus
Andrew Kirk Mitchell, Delaware
DuBonna Lynn Moseley, Columbus
Elizabeth Ann Mullinix, Morrow
Constance Lynne Muzick, Elyria
Craig A. Nelson, Bexley
Karen Gail Nokes, Canal Fulton
Peggy Lynn Norris, Worthington
John Michael Oklok, Upper Sandusky
Carma Ruth Pausch, Granville
David Cooke Payne, Shaker Heights
Robert Laurence Platt, Shaker Heights
Gary Lee Pollock, Bucyrus
William Charles Radebaugh, Columbus
James Thomas Ramsay, Columbus
Michael Joseph Reaman, Lima
Daniel M. Reed, Delaware
William Joseph Reiser, Portsmouth
Karl Joachim Rexer, Brecksville
David Richard Rhodehamel, Hudson
Keith Douglas Roark, Columbus
Matthew David Ronan, Newark
Héctor Rossy-Rodríguez, Caguas, PR
Lori Ann Rubadue, Columbus
James Michael Ryan, Jr., Columbus
David Jacob Rzepka, Cleveland
Stuart A. Schonhiutt, Lorain
Kurt Fredric Schroeder, Lorain
Mark Alan Schultheis, Marietta
Jay Dean Sewell, Wilmington
Tammy Ann Sheffer, Dayton
Susannah Genevieve Shipman,
Worthington
James Roger Shumaker, Newark
Cindy Renee Smith, West Liberty
Jane Ellen Smith, Coshocton
Shelley D'Esta Smith, Evanston, IL
Leslie Ann Sperry, Marysville
Jeffrey Alan Stern, Lima
Suzanne Beth Stern, Shaker Heights
Nikola Stevovich, Amherst
Luanne Marie Strassburger, Franklin
Brent Patrick Studebaker, Massillon
Sean Mark Sweeney, Katonah, NY
Tina Marie Thome, Marion
Lydia M. Thompson, Columbus

Kyle S. Thorne, Columbus
 Richard G. Trela, Chesterland
 John David Vander Hooven, Maumee
 Meyra Rosa Villalonga, Miami, FL
 Mary Carol Ward, Dayton
 Wendy Kathleen Warner, Upper
 Arlington
 Debra Jeanné Watson, Newark
 James R. Weldon, Columbus
 Tara Dawn Williams, Columbus
 John Mosher Wood, Worthington
 Elizabeth Moneak Woods, Mansfield
 Thomas John Zaffiro, Cleveland

Bachelor of Science

Mary Ellen Amer, Akron
 William Eugene Church, Lakewood
 James William Deyhle, Springfield
 Andrea Ann Fabec, Lyndhurst
 Gary Wayne Griggs, Lithopolis
 David Lemar Hamilton, Felicity
 Joan M. Harding, Stuart, FL
 Charles Douglas Heilbrun, Cincinnati
 Edway Richard Johnson II, Leesburg, VA
 Amy Marie Jolivet, Hamilton
 Monique Manhal, Cincinnati
 Cheryl Ann Moore-Ennis, Toledo
 Maxwell Emeka Ohakim, Ezihe, Nigeria
 Douglas Kent Pusser, Boardman
 Earl Joseph Recker, Cloverdale
 Kip Betsy Reines, Cincinnati
 Janelle Sue Ritter, Columbus
 Randall Scott Slaybaugh, Toledo
 Susan Albers Smith, Kettering
 Paul J. Valachovic, Columbus
 Kenneth Carlvn Winters, Jr., Maple
 Heights
 Amy Lynn Youtsler, Monroe

Certificate of Study in Latin American Studies

Karen Louise Ruzicka, Centerville

School of Journalism

Bachelor of Arts in Journalism

Jonathan Mark Allen, Lima
 Mary Beth Behn, Lima
 Suzette Colleen Beigel, Youngstown
 Kenneth Robert Black, Whitehall
 Cynthia Elaine Brown, Lakeside
 Richard Thomas Brown, Dublin
 Michelle Joy Carlson, Avon Lake
 Karen Marie Clagsens, Cincinnati
 Dawn Celeste Cocco, Lorain
 Christopher Bryan Coulter, Marion
 Lisa Dawn Crooks, Radnor
 Susan Kay Dawe, Lima
 Dawn Marie Denenzio, Massillon
 Michelle Yvonne Deskins, Washington
 Court House

Scott Howard Duff, Berlin Center
 Thomas Franklin Ewing, Akron
 Kate Louise Fitzpatrick, South Euclid
 Gregory Joseph Gilligan, Columbus
 John Leroy Greene, Pickerington
 Bruce Douglas Hill, Columbus
 Donna Mary Ihle, Austintown
 Richard Barton Jenkins, Brook Park
 Sharon Elizabeth Kinkley, Coshocton
 James Beng Mun Kuake, Kuala Lumpur,
 Malaysia
 Su Wah Lok, Columbus
 Susan Beth Massarsky, Cincinnati
 Patricia Jean McClusky, Columbus
 Kathleen Ann McCurry, Dublin
 Amy R. McDaniel, Gahanna
 Mary Jane McLean, Canton
 Patricia Louise Melvin, Columbus
 Elizabeth Anne Renner, Ashland
 Sharon René Robinson, Indianapolis, IN
 Scott Stephen Schaefer, Reynoldsburg
 Mary Jill Shutrump, Boardman
 Joyce Ann Stern, Centerville
 Richard James Strauser, Elyria
 Shawnee Sue Timberlake, Atwater
 Daniel Frederick Wetzel, Columbus

College of Agriculture

Dean: Frederick E. Hutchinson

Bachelor of Science in Agriculture

Alicia M. Adams, Kettering
 Jeffrey David Adams, Stoutsville
 Robin Armstrong, Chesterland
 David Kent Ayres, Hillsboro
 Bradley Charles Balduff, Castalia
 John J. Baumeister III, Columbus
 Ronnie Lee Beitzel, New Philadelphia
 Linus Joseph Berger, Yorkshire
 Thomas Alfred Brewster, Southington
 Teresa Lee Carver, Greenville, SC
 Cynthia Lou Dishon, Athens
 David Paul Doran, New Albany
 Deborah Sue Double, Wauseon
 Randall P. Dues, Houston
 Byron Eric Fike, Medina
 Chris Warren Foster, Batavia
 Kevin Fairbairn Fowler, Madison
 George Frankenstein V, Cincinnati
 Joel Edward Franks, Bryan
 Tanya Gabriele, Fowler
 Nancy Christine Genari, Johnstown
 Timothy Dean Gross, Moline
 Bruce Paul Hanzel, Barberton
 Craig Brentwood Hawk, Toledo
 Susan Lue Hess, Gates Mills
 Stephen A. Hirzel, Northwood
 Russell Jay Huff, Worthington
 Morsidah Bt Ismail, Selangor, Malaysia
 Walter George Johnson, Franklin
 Mark Fitzgerald Jordan, Nova
 Barbara Lynne Kastner, Columbus
 Peter Vincent Kish, East Liverpool
 Steven Vance Klusmire, Indianapolis, IN
 Shakuntala Lamgaday, Dharan, Nepal

James Michael LaPore, Mayfield Heights
 John Wilbert Merrill, Jr., Steubenville
 Susan Lynn Miller, Bellefontaine
 Jeffrey Dale Morlock, Wayne
 Richard Bradley Mosher, Columbus
 Thomas Alan Newsom, Delaware
 Richard Edward Powers, Pickerington
 Edgar Vladimir Pulido, Columbus
 Robert Carl Reeder, Piqua
 Timothy Charles Shippy, St. Clairsville
 Pamela Ann Shreve, Columbus
 Patricia Kathryn Spahr, Findlay
 Brent Allen Stauffer, Marietta
 Christina Marie Suelter, Grove City
 Sandra Mary Thomas, Deshler
 Jeffrey Stephen Turnbull, Ashville
 William Rian Ufer, Lima
 David Kyle Vandever, Troy
 Matthew Paul Verbsky, Columbus
 Kui Shin Voo, Sabah, Malaysia
 Christopher John Waymire, Yellow
 Springs
 Lynne Ann West, Hebron
 Mark David Williams, Canal Winchester
 Barbara Jean Wineman, Glenford
 James Lewis Winter, Ashville
 Ronald Len Zimmerly, Pandora

Bachelor of Science in Food Science

Paul Separa Anloague, Seven Hills
 Patrick Duane Boles, Dover
 Nancy Patricia Jordan, Mansfield
 Barbara Sue Naumoff, Orrville

Bachelor of Science in Food Technology

Karl Joseph Gast, St. Henry

School of Natural Resources

Bachelor of Science in Natural Resources

Susan Mary Cass, Dayton
 Gregory Ryan Chatfield, Columbus
 David Cecil Comer, Lancaster
 Michael John Flynn, Westerville
 Timothy David Franks, Newark
 Phillip Leroy Harrell, Findlay
 David Lawrence Johnstone, Cincinnati
 James Douglas Jones, Jr., Grove City
 William Fredrick Christian Lange,
 Wisconsin
 Laura LaVonne Leckrone, Cincinnati
 Christopher James O'Leary, Columbus
 John Paul Pritchard, Olmsted Falls
 Jayne Alice Reack, Avon Lake
 Kenneth William Sharkey, Cincinnati
 Richard Lee Waldo, Columbus
 Jeffery James Wander, Perrysville
 Michael Dean Weaver, Liberty Center
 J. Steven Weed, Springfield

Agricultural Technical Institute – Wooster

Associate in Applied Science

David Fulton Arthurs, Jr., Westerville
Heidi L. Benich, Plymouth
Eric Paul Bernard, Avon
Bonnie Joy Bock, Parma
Michael John Bultinck, Solon
Cynthia Renee Cottrell, Mt. Vernon
Robert Wayne Dignin, Polk
Mark Eugene Diller, Pandora
Kelly Edward Evans, Massillon
Maureen Ann Gabel, Richfield
Gregory R. Halco, Massillon
James Gregory Johnson, Richfield
John Allen Lane, Canton
Lisa Lynn Locke, Warsaw
Thomas O'Shaughnessy Martin, Newark
Kenneth Richard Miller, Milford
Richard Blaine Miskell, Lancaster
Christine Elizabeth Moody, Shelby
Becky Friebel Morris, Shelby
Jeffrey Ray Nawrocki, Chesterland
Deborah Suzanne Piggott, Belpre
Allen Jeffrey Potoma, Maple Heights
Jerry Edward Powers, Carroll
James Edward Pritchard, Perrysville
Carol Marie Rukosky, University Heights
Jennifer Mae Stein, Chardon
Kathy Marie Wenz, Toledo

College of Business

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Jeffery Scott Abbruzzese, Columbus
Nor Ashikin Bte AB. Manan, Muar.,
Johore, Malaysia
Denise Renee Abraham, Centerville
Robert Alan Ackerman, Cincinnati
Warren Keith Adams, Dresden
Kelli Jae-Ann Adelsperger, Tiffin
Christopher Alan Adkins, Canal
Winchester
William John Alexander, Steubenville
Keith Alves, Northampton, PA
Nese Arat, Marion, IN
Douglas Brian Arrasmith, Columbus
Robert David Artz, Columbus
Dean Edward Ashbrook, Kettering
Norulhuda Atan, Kuala Lumpur, Malaysia
Anthony Augi, Farmingville, NY
Daniel James Bachorski, Pittsburgh, PA
Brett Aaron Barrett, Alexandria, VA
Anna Marie Bartolovich, East Liverpool
Jonathan Wayne Bates, Powell
David D. Beadle, Reading, PA
Joseph Anthony Berardi, Kettering
Daniel J. Berry, Toledo
Lisa Ann Bertke, Centerville

Scott Alan Bhe, Leetonia
Steven Robert Bishop, Newark
Stephen Arthur Boisseau, Pickerington
Todd Alan Bone, North Palm Beach, FL
Bruce Eugene Borden, Dublin
Martin Dennis Bouhall, Bay Village
Michael Lawrence Bowman, Marysville
Angela Sue Boyle, Columbus
Guy Anthony Bozza, Cleveland
Robert Farrel Briggs, Columbus
Bruce Alan Brown, Lima
Linda Marie Brown, Canfield
Steven Garrett Brown, Malvern, PA
Barbara Lucille Brubaker, Bradner
Joseph Patrick Fitzgerald Buckley,
Sylvania
Terry Carzell Burgess, Marion, IN
Mark Allan Burnett, Newark
Anne Elizabeth Burns, Columbus
Susan Elizabeth Burton, Lima
Melissa Ann Busse, Somerset
Dana Mark Butler, Wakeman
Mary Ellen Butler, Columbus
Seung-Kee Byun, Seoul, Korea
Nancy T. Canada, Columbus
Louis Eugene Caporaletti, Akron
John Ralph Capozziello, Columbus
Christine Lynn Carter, Massillon
Ronald Edward Cashdollar, Kettering
Julia Annette Cassidy, Vandalia
Helen Winnie Chan, Newark
Su Chin Chang, Kuching, Sarawak,
Malaysia
Jeffrey Steven Charme, Dayton
Marica Templin Cherry, Newark
John Michael Cindrich, West Chester
Jeff L. Clegg, Clarington
Colleen Anne Clifford, Columbus
Alicia Kay Cline, Westerville
Richard James Collins, Fostoria
Robert Lee Collins, Painesville
Kenneth William Cook, Berea
John Lewis Corbin, Jr., Columbus
James Wilson Cordero, Moca, PR
Ted Gerard Coss, Bridgeport
Kevin Karl Crum, Cuyahoga Falls
Jodene Kim Czako, Orrville
Mark Peter Dani, Columbus
Heather Lyn Davidson, Columbus
Martin Robert Dean, Columbus
Tina Marie DeFrancisco, Ostrander
Michael Benjamin Dehlendorf, Columbus
Richard Kevin Delaney, Worthington
Judith A. Demarchi, Worthington
Susan Karalewitz Dent, Columbus
Benjamin Anthony DePompei, Bedford
Gregory Franklin Dietsch, Edgerton
Janet Carol Dietz, Worthington
Brian Lee Dixon, Wilmington
Joseph S. Djahadi, Jakarta, Indonesia
Susan Mary Dobos, Fairview Park
Joseph Patrick Doody, Worthington
Carl Michael Duncan, Granville
Deborah Ann Eberlin, Lyndhurst
Laurie Armstrong Ebert, Poland
Roger Louis Edheimer, Pepper Pike
Dale Alan Edwards, Wapakoneta
Karen Marie Eidenmiller, Parma
Laura Ann Elking, Columbus

Timothy Lee Ellerbrock, Ottawa
Gary Lonnell Ellison, Cleveland Heights
M. Daniel England, Dayton
Velma Delphine Erkins, Columbus
Thomas Franklin Ewing, Akron
Stuart Alan Fagin, Mansfield
Louis Vincent Farr, Westerville
James Merrill Fasone, Columbus
Edward William Fedor, Pepper Pike
Linda Louise Ferdi, Columbus
Sylvia Fisher, East Cleveland
Patrick Shawn Flaherty, Parma
Gary Lewis Fobes, Marion
Kent Charles Forsythe, Hudson
William Richard Fox, Sarasota, FL
Ellen Sue Frank, Pepper Pike
Kent Donald Freberg, Cincinnati
David Wilson Furry, Rocky River
Maureen Leigh Gatewood, Columbus
Delbert Leroy Gault, Forest
Eric Leo Gerstner, Eaton
Catherine Ann Girves, Columbus
Steven Yale Gold, Glencoe, IL
Thomas Prescott Gray, Wilmington
Martin D. Greenwald, Lyndhurst
Cary Gabriel Gregory, Toms River, NJ
Michael Lee Grillot, Covington
John Andrew Groeber, Columbus
Steve Eric Gruetter, Toledo
John Kenneth Gutmann, Columbus
Beth Louise Hahn, Whitehall
George Phillip Hajjar, Marion
Danny Lee Hall, Mt. Gilead
Stephanie Annette Hamilton, Bronx, NY
James Joseph Hanna, Ashland
Todd Allen Harman, Rising Sun
Ernest Eric Hart, Coshocton
Jeffrey Paul Hartman, Woodville
Edward Paul Hartmann, Cincinnati
Dawn Hendricks, Cincinnati
Patrick Sheeran Hennessey, Columbus
Bradley Gordon Hesson, Lynchburg
John Timothy Hibler, Bay Village
Brian Paul Hillery, Bradford, NH
Michelle Louise Hites, Lima
Alan Frederick Hoffmann, Cuyahoga Falls
Patricia Ann Holbrook, Brooklyn, NY
Lonna Marie Holloway, West Chester
Jeffrey Martin Holmes, Columbus
Brian Wesley Hood, Springfield
James H. Hoppel, Westlake
Clifton Raymond Howison, Hebron
Melissa Hsia, Potomac, MD
Anthony Joseph Hudock, Highland
Heights
J. Bradford Hunt, Columbus
Meghan Maria Hunter, Columbus
Thomas Martin Huth, Pittsburgh, PA
Barbara Anne Inskeep, Lima
Lori Jo Ius, Columbus
Jae Kevin Jackson, Potomac, MD
James Paul Jackson, Columbus
Kirti Jackson, Cleveland
Jon Christopher Jeswald, Alliance
Kelli Kay Johnson, Columbus
Steven Richard Jones, Cincinnati
Susan Elaine Jopko, Madison
Kevin Lee Kagarise, Uniontown
Stephanie Lynne Kannel, Columbus

William Vasilios Katsaounis, Mansfield
 Scott David Kemp, Cincinnati
 Steven Michael Kemp, Mansfield
 Eric Aaron Kemper, Columbus
 Tamaria Ruth Kenton, Delaware
 Scott William Kern, Columbus
 Cynthia Marie Kerner, Pataskala
 Joseph William Kessler, Orient
 Andrew John Kielkopf, Columbus
 Jennifer Kling, Columbus
 Robert Michael Kling, Cincinnati
 Keith Warren Klingler, Kenton
 Constance Lee Klopp, Columbus
 Thomas Lee Knickerbocker, Xenia
 Kevin James Kobbeman, Toledo
 Kristin Kay Koett, Dayton
 Brian Joseph Kolda, Cedar Rapids, IA
 Ann Cecelia Kreinbrink, Findlay
 Shelli S. Kreuzer, Columbus
 Robert Bruce Kubiak, Novelty
 Oto Kulda, Mansfield
 Sheryl Lynn Kurelic, Columbus
 Kathy Ann Laughlin, Bay Village
 David Lee Leasure, Toronto
 Teng Kiat Lee, Seremban, N.S., Malaysia
 Wei Wei Lee, Singapore, Singapore
 Richard Henri Lesueur, Columbus
 William Hamilton Lewis, Columbus
 David Carl Lippert, Columbus
 Marc Richard Lively, Westerville
 James Dalton Lonadier, Dayton
 Daniel James Love, Warren
 Martin Edward Lowy, Beachwood
 Bradley Eugene Ludwig, Bryan
 Angela Maria Lykins, West Chester
 Michael Joseph Lyons, East Islip, NY
 Daniel F. MacArthur, Cincinnati
 Robert Marvin Mack, Jr., Hinckley
 Chiew Chooi Mak, Ipom, Perak, Malaysia
 Anthony Ralph Mampieri, Columbus
 Michael Joseph Mangia, Gahanna
 Andrew Steven Marks, Columbus
 Kevin Lee Marks, Beachwood
 Corey Steven Marshall, Mayfield Heights
 Ronald E. Marshall, Worthington
 Sue Ann Martin, Ashley
 Timothy William Mauk, Marion
 Melanie Lynn McClain, Grove City
 Stacy J. McCullough, Hudson
 Timothy Paul McDonald, Louisville
 Paul William McEwan, Tipp City
 Jeffrey Scott McGuire, Zanesville
 Jeffrey Todd McLain, Columbus
 Donald Michael McNeil, Marion
 Laura Beth Merritt, Westerville
 Debra Lynn Messenger, South Euclid
 Daniel Clark Miles, Garfield Heights
 Gregory D. Miller, Newark
 Michael Andrew Miller, Lima
 Raymond Eric Miller, Columbus
 Timothy M. Miller, Columbus
 Tracy J. Miller, Dresden
 Scott Patrick Minke, Westerville
 David Andrew Mitchell, Reynoldsburg
 Leisa Beatrice Mitchell, Dayton
 Joan Helen Mohr, Grove City
 Bryan Larry Moon, Mt. Orab
 Kevin Michael Moore, Indianapolis, IN
 Ken T. Morris, Sylvania

Kevin Kaldenbach Morris,
 Washington, WV
 Terry Steven Morse, Pickerington
 John David Mullen, Lima
 Mark Edward Murphy, Columbus
 John Patrick Murray, Mansfield
 Michael Stephen Myers, Columbus
 Susanne Marie Nees, Louisville
 Louis Nemeth III, Mansfield
 Kimberly Sue Nickles, Heath
 Betty Jo Niese, Lima
 Michael James O'Brien, Columbus
 Suzanne Colleen O'Connell, Columbus
 David Michael Orloff, Cleveland
 Michael John O'Ryan, Pataskala
 Paige Alison Papner, Cincinnati
 Keith Warren Parker, Toledo
 Susan Lynn Parker, Worthington
 Patrick William Patterson, Worthington
 Shaun D. Patterson, Canton
 Karen Elizabeth Peterson, Gambriels, MD
 Rhonda D'Jalili Petsef, Upper Arlington
 Douglas Stannard Pfahl, Huron
 Cynthia Sue Pfoff, Dayton
 Devon Neil Phelps, Marengo
 Deborah J. Phillips, Strongsville
 Tracy R. Pierre, Houston, TX
 John William Plank, Columbus
 Amie Lee Preston, Warren
 Thomas Blair Ramsey, North Canton
 Melvin Jerome Reed, Columbus
 Gregory Thomas Richards, Columbus
 Ronald Alfred Riffle, Columbus
 David Scott Riggs, Williamstown
 Kelly Nathaniel Robinson, Circleville
 Cathy Ann Roder, Port Clinton
 John Clarke Romine, Fostoria
 Elizabeth Anne Rost, Columbus
 Mark Anthony Royer, Columbus
 Jeffrey John Rubinoski, Elyria
 Linda Ann Safreed, North Canton
 Steven Alan Saltzman, Beachwood
 Mark Jude Samar, Beachwood
 Patrick Raymond Sarver, Alliance
 Richard Jay Schaefer, Columbus
 Philip Lawrence Schenk, Vineland, NJ
 Steven Elliot Schwartz, Toledo
 Stuart Michael Schwartz, Hauppauge, NY
 Eric Carlson Schwenkel, Lakewood
 Bryan Edgar Seas, Columbus
 John Alan Sedam, Columbus
 Margot Suzanne Sellers, Shaker Heights
 Gunawan Setyadi, Kudus, Indonesia
 Lora Ann Sharick, Columbus
 Jane Annette Shifley, Galion
 Daniel O'Shea Singer, Cincinnati
 Daniel William Smith, Columbus
 Jeffrey John Smith, Toledo
 Matthew Charles Smith, Chillicothe
 Mary Susan Smurr, Columbus
 David Raymond Snyder, Eaton
 Gay Melanie Snyder, Centerville
 Robert James Sommer, Gates Mills
 Bruce Leroy Souders, Logan
 Timothy Justin Spillers, Columbus
 David Allan Spinale, Lorain
 Michael Lewis Spivey, Pataskala
 Lisa Marie Stemen, Columbus
 David Mark Stern, Columbus

Regina Gail Stewart, Columbus
 Robert Clifford Stoll, Columbus
 Phyllis Ann Stoneburner, Circleville
 Daniel Jerry Sullivan, Columbus
 Thomas C. Sullivan, Baltimore, MD
 Mark Steven Susi, Worthington
 Gregory E. Sweet, Chicago, IL
 Hiong Swie, Columbus
 Joseph John Syms, Canfield
 Kim Keng Tan, Batu Pahat, Johor,
 Malaysia
 Steve Nicola Taneff, Pickerington
 Amy Van Bergen Tebbutt, Cincinnati
 Linda Marie Teller, Reynoldsburg
 Mark Andrew Tender, Lorain
 Nanci Lynne Tharp, Westerville
 Kannaporn Thavisri, Bangkok, Thailand
 Kevin Maurice Thomas, Circleville
 James Eric Thompson, Columbus
 Kasia Lanette Thompson, Columbus
 E. L. Tommy Tomlinson II, Circleville
 Mark D. Traikoff, Ashtabula
 George Richard Trutza, Lakewood
 Michael King Man Tse, Hong Kong
 Terry Edward VanAlmsick, Blacklick
 Camille Anne Van Horn, Shelby
 Denise Marie Vogel, Pickerington
 Elizabeth Anne Wach, Upper Arlington
 Marilyn Clark Wagner, St. Clairsville
 Molly Jean Wagner, Dayton
 Barron Michael Walker, Lancaster
 Christine Marie Walker, Brunswick
 Laura Aleese Waller, Centerville
 Michael Lee Walsh, Englewood
 Harriet Campbell Weeks, St. Louis, MO
 John Joseph Weixel, Columbus
 Debra Leigh Wengerd, Wooster
 Stanton Archie West, Elyria
 Michael Thomas Wilks, East Springfield
 Anita Gail Williams, Canton
 James Joseph Wood, Cincinnati
 Thomas Robert Wright, Kirtland
 Beth Olga Yarrington, Columbus
 Wai King Yee, Columbus
 Robin Lynn Yoho, Wintersville

College of Dentistry

Dean: William R. Wallace

Doctor of Dental Surgery

Jeffrey Harris Karp, Brooklyn, NY
 B.S. (State University of New York
 College at Buffalo)

College of Education

Dean: Donald P. Anderson

Bachelor of Science in Education

Barbara H. Akers, Columbus
 Karen Kelch Altomare, Worthington
 Richard Amicon, Columbus
 Brenda Elaine Arend, Paulding

Randal Clark Bailey, Canton
 Lisa Jo Baldwin, South Charleston
 June Marie Barber, Solon
 Yunusa Yakubu Bashir, Bauchi, Nigeria
 Jill Marie Baumer, Farmington Hills, MI
 Marilee J. Beach, Galion
 Beth Ann Bennett, Cortland
 Elizabeth Joan Beyer, Berea
 Susan Kay Biss, Lima
 Elizabeth Ann Boggs, Columbus
 David Paul Bremer, Findlay
 Keisha Andrea Brown, Columbus
 Christine Leigh Burgess, New Albany
 Deborah Louise Campbell, Columbus
 Catherine Anne Casas, Gahanna
 Bradley Allen Clark, Cairo
 Magdalene Louise Clark, Galloway
 Monique Alycia Cobbs, Cincinnati
 David Fredrick Collins, Waynesville
 Craig Allen Colvin, Columbus
 Michele R. Cunningham, Gahanna
 Clarence Edwin Dade, Columbus
 Joanna D'Andrea, Youngstown
 Saratu Sule Dawuda, Bauchi, Nigeria
 Thomas Joseph Devolve, Cincinnati
 Valerie Lynn Dickinson, Wharton
 Kimberly Diana Dorsey, Lorain
 Timothy Ronald Dull, Ohio City
 Diana Lynn Dysart, Granville
 Karen Lynn Ernst, Delaware
 Becky Lynn Essick, Granville
 Yzvetta Luvena Farrish, Cincinnati
 Laura Anne Fleming, Troy
 Fulvia Pellegrini Fowler, Columbus
 Jill Suzanne Fruth, Attica
 Jean Tres Fry, Worthington
 Steven Carter Gerlach, Middleburg Heights
 Edna Mae Giordano, Columbus
 William Dale Hardin, Columbus
 Norman Tyrone Haslop, Lima
 Karen Louise Heise, Grove City
 Jean Lynn Herendeen, Granville
 Sheila Diane Hobensack, Pickerington
 Jamie Lorenza Holland, Wake Forest, NC
 Karyn N. Hollenbaugh, Richwood
 Sherry D. Hutchinson, Granville
 John Gary Hutchison, Atwater
 Lori Ann Iams, Galion
 Kathryn Jean Irwin, Worthington
 Arthur L. Isennagle III, Whitehall
 Karen Elizabeth Jenkins, Akron
 Linda Ann Jenkins, Elida
 Kathryn Ann Johns, St. Marys
 Robert Patrick Keller, Mansfield
 Starla Kay Kent, Wapakoneta
 Lisa Katherine Krupa, West Salem
 Anna Marie Kulina, Columbus
 Beth Ann Kullman, Somerset
 Joni Dawn Lee, Dresden
 Leslie Lou Lesnick, St. Clairsville
 James Charles LeVally, Grove City
 Bello Muhammad Limanci, Bauchi, Nigeria
 Kristen Rose Lococo, Aurora
 Robert E. Mallie, Metamora, IL
 Antonia Gale Manning, Granville
 James W. McConville, Cleveland

Kimberly Ann McElroy, Middleburg Heights
 James Bernard McShane, Columbus
 Elaine Ankers Miller, Columbus
 Nancy Gerhardt Miller, Groveport
 Marisa Louise Nieto, Dayton
 Julie Ann Oatman, Lima
 Carene Anne O'Connor, Columbus
 Marianela Odio, San Jose, Costa Rica
 Richard Dickson Owens, Jeffersonville
 Trisha Kay Petty, Lima
 Cynthia Mae Pilati, Bloomingdale
 Lisa Kae Pinkerton, Columbus
 Leslie Ann Polk, Columbus
 Donna Kay Potter, Shelby
 Lynne Elizabeth Raftery, Wadsworth
 Teresa Jane Reigle, Coshocton
 Melanie Sue Reiley, Worthington
 Christopher George Richardson, Cincinnati
 Stephanie S. Riedmiller, Columbus
 Vicky Lyn Riffe, Columbus
 RoxAnne Rutherford, Columbus
 Trisha Ben Sager, LaRue
 Billie-Ann Sarich, Columbus
 Michelle Renee Schultz, Ashland
 Scott Douglas Shaffer, Mansfield
 Diane Winningham Shimp, Columbus
 Kelley Mary Smith, Coshocton
 Eleni Stathi, Columbus
 Margaret Flora Summers, Cardington
 Tammy Marie Sutton, Lima
 Lori Ann Theaker, Lexington
 Sandra Kay Tippie, Dublin
 Gregory Chris Trapp, Gahanna
 Michelle E. Vandemark, Elida
 Scott William Vandemark, Lima
 Nancy Jeanne Vosler, New Albany
 Brian William Watson, Columbus
 Elaine Marie West, Columbus
 William John Weston, Berea
 Kathryn Meeker Wheeler, Lima
 Stephen L. Williams, Bellaire
 Lee Anne Wires, Walbridge
 Susan Leslie Woerth, Solon
 Roger A. Wren, Mt. Gilead
 John Wayne Yekel, Jr., Canton
 Pamela Sue Young, Cuyahoga Falls
 Maria Mellissa Zeno, Ashland

Bachelor of Art Education and Bachelor of Music Education degrees are offered jointly by the College of the Arts and the College of Education. Candidates are listed under the College of the Arts.

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

David Gordon Bunnel, West Chester
 David Richard Deal, Perrysburg
 Alex Gregory Kurtz, East Canton
 George C. Lekan, Seven Hills
 Donald Richard Wallace, Columbus

Bachelor of Science in Agricultural Engineering

George J. Berner, Xenia
 Mark Thomas Morgan, Valley City
 Clara Jean Oberst, Columbus
 Kris Edward Seitz, Mansfield
 Gerald Dean Vorst, Kalida

Bachelor of Science in Aviation

John Edward Hoban, Kettering
 Joseph Mark Merola, Corning, NY

Bachelor of Science in Ceramic Engineering

David Edward Dieringer, Canton
 Scott Lyle Johnson, Cincinnati
 Mark Hemming Kayser, Columbus
 Gregory Nelson Morscher, Upper Arlington

Bachelor of Science in Chemical Engineering

Edward Bochenek, Wickliffe
 Rajeev Lochan Gorowara, Fairborn
 Norman Merrill Powell, Worthington
 Scott Glenn Vickery, Norton
 James Franklin Walden, Brunswick

Bachelor of Science in Civil Engineering

Ammar M. Said Al-Bardan, Damascus, Syria
 Scott Kevin Antalovich, North Perry
 Assaf Fawzi Assaf, Aramount, Lebanon
 Benjamin Gary Baumer, Minster
 Laurie Ann Chase, Middleburg Heights
 Bahjat Abboud Chidiac, Bkfaya, Lebanon
 Siang Hwa Chua, Klang, Selangur, Malaysia
 John Maurice Dahdah, Meziara, Lebanon
 Mohamad Jaafar Darwich, Tyre, Lebanon
 David Paul Evers, St. Henry
 Brian Norton Flint, Wheaton, IL
 Joseph Guy Hobeika, Naccache, Lebanon
 Rita M. Holzhaeuser, Mentor
 Jeffrey David Horvath, Wickliffe
 Nikolaos Kolidas, Athens, Greece
 Monica Ann Krepfl, Wickliffe
 Gregory William Myers, Columbus
 Samir Kassas Naboulsi, Damascus, Syria
 Donald Lee Phillips, Jr., Madrid, Spain
 Daniel Jay Rawn, Brice
 Susan Marie Spires, Lancaster
 Mark Joseph Wilson, Cincinnati

Bachelor of Science in Computer and Information Science

Hassan Abdullahi, Columbus
Paul Keith Blankenbaker, Columbus
Martha F. Bresee, South Burlington, VT
Phillip Eugene Bronsdon, Dublin
Beata S. Byczek, Whitehall
Daniel Bradford Cain, Powell
Henry Kwok-Keung Chau, Reynoldsburg
Charles Henry Clay, Columbus
Thomas Raymond Daley, Lima
David Charles Geyer, Grove City
Steven John Hecker, Kettering
Lee Kevin Hoelscher, New Knoxville
Charlotta J. Holland, Ironton
Robert DeVon Holmes, Columbus
Karen Elaine Kail, Nitro, WV
John Joseph Kirian, Jr., Fostoria
Kathryn Ann Kraus, Centerville
Chee Kian Kuo, Batu Pahat, Johore, Malaysia
Chit Shyan Lai, Kuala Lumpur, Malaysia
Dana Lynn Lewis, Perrysburg
Steven James Ling, Chagrin Falls
Rehan Mahmood, Lahore, Pakistan
Kevin Patrick McCombs, Hudson
Douglas Hannum McGrath, Springfield
Joseph Kenneth Mirka, Strongsville
Craig Alan Mokma, Wooster
Dale E. Moore, Columbus
Charles Allen Myers, Oak Harbor
Pradip M. Pandya, Columbus
Robert Scott Richardson, Whitehall
Robert Carson Rogers, Madison
Thomas Paul Ross, Middletown
Doreen Leba Silberstein, Columbus
Deborah Ann Silverstein, Cleveland
Vincent Lee Small, York, PA
Joseph Albert Soller, Marysville
Kent Evan Stewart, Yellow Springs
Ronald Anthony Szczesny, Springfield
Thuan Boon Tan, Muar, Johor, Malaysia
Jeff Edward Towslee, Bennington, VT
Kasem Vichacheeva, Bangkok, Thailand
Matthew Donald Wald, Washington Court House
Arun Kumar Welch, Tiffin
Richard F. Williamson, Bloomingdale
Andrew Lee Willie, Columbus
King On Yee, Columbus
Ka Fai Yu, Columbus

Electrical Engineer

Robert E. Hockman, Springfield
Tiong-Sin Sy So, Columbus

Bachelor of Science in Electrical Engineering

Marissa Lynn Agdinaoy, Brecksville
Demetris Andreou Agrotis, Nicosia, Cyprus
Mohd Azmi Merican Ahmad Merican, Penang, Malaysia
Mohammad Tahsin Alchorbaji Mzaik, Damascus, Syria

Tushar Indubhai Amin, Baroda, India
Kevin Lamont Barnhart, Columbus
Mark Stephen Barrow, Collegeville, PA
Thomas Edward Brehm, Columbus
Mark Alexander Cameron, Winthrop, ME
Pramook Chaiwongwutthiku, Bangkok, Thailand
Hin Ching Hubert Chan, New York, NY
Gretchen Strickler Clark, Columbus
Robert Anthony Clemens, Dayton
Thomas Michael Coad, Columbus
Roger Wayne Cole, Groveport
Thomas Earl Eggerding, Cincinnati
Todd Allen Espenschied, Dover
William Beatty Forg, Madeira
Hong Ming Fu, Columbus
Alan Jeffrey Gilbert, Cleveland
John Howard Greenewald, Columbus
Thomas Edward Gremling, Lima
Steven Mark Grzymkowski, Rochester, NY
Steven Charles Heinrich, Mentor
Alan Douglas Hergatt, Westerville
Kurt Fredrick Hesse, Proctorville
Stephen Joseph Hicks, Dayton
James Alan Hulsey, Akron
Abdollah Khadivi, Tehran, Iran
Douglas Wayne King, Columbus
Blair William Koman, Newark
Manucher Habibpour Mamaghani, Tehran, Iran
John Martin Mangino, Niles
Todd Andrew Miklos, Grove City, PA
Richard Allen Muha, Akron
James Allen Nelson, Newark
Sean Edward Ogle, Crestline
Scott David Oyler, Canal Winchester
Brian Clark Pass, Columbus
Robert Julius Pinto, Dayton
Susan Gail Rencehausen, North Olmsted
Jeffrey Scott Shoemaker, Alliance
Lynette Avis Stewart, Beavercreek
Jemmy Sutjiawan, Jakarta, Indonesia
Kien Yong Tan, Bagan Serai, Perak, Malaysia
Nopporn Udompornmongkol, Bangkok, Thailand
Gregg Byron Vosler, Dayton
Robert Michael Yoder, Heath

Bachelor of Science in Engineering Physics

Leonard Steven Cech, Wickliffe
Todd K. Curtis, Liverpool, NY
Charles David Schacht, Pittsburgh, PA
Anthony Thomas Taglieri, Wintersville
Thomas Michael Tomko, Poland

Bachelor of Science in Industrial and Systems Engineering

Ghaiour Chouchene, Chebba, Tunisia
Bret Anthony Dyke, Columbus
Farzin Farzanmehr, Tehran, Iran
Edward D. Fetter, Crestline
Eric George Hansen, New Concord

Randall Clarke Madey, Kent
Carlo Mobayed, Montreal, Quebec, Canada
Kevin Thomas Saylor, Cincinnati
Bruce C. Uhland, Mayfield Village

Bachelor of Science in Mechanical Engineering

Edward Charles Barteel, London
Thomas Richard Beremand, Bay Village
Mark Edward Boos, Norwalk
James Borowski, Bridgeport, WV
Robert Stephen Burita, Dayton
William Henry Closser, Jr., Columbus
David Robert Crecelius, Ashland
Susan Marie Struthers Douglas, Columbus
Robert Isaac Fassberg, Bethesda, MD
John Charles Gazdik, Columbus
Alan Donald Hale, Circleville
Scott Eugene Hamilton, Columbus
Mary Ellen Heaton, Cuyahoga Falls
Mike J. Holland, Columbus
James Robert Ketter, Fort Atkinson, WI
Scott Leigh Klingensmith, Youngstown
Gerald D. Krashinsky, Marion
Marguerite Joan Macy, Hudson
Steven Bradley McMahon, Upper Arlington
Jeffrey Thomas Morton, Galion
Deborah Dawn Ohler, Columbus
Luis Alberto Rojas Vela, Cantaura, Venezuela
Timothy Francis Savely, Reynoldsburg
Timothy Craig Schutt, Novelty
John Patrick Scowden, Marion
William Randall Shepherd, Westerville
Richard Alan Sliwinski, Northfield
David Marvin Tradler, Maumee
Jeffrey Alan Wagner, Columbus
Ruth Anne Watkins, Miamisburg
James Russell Whitlock, Canton
Peter Ray Wortendyke, Jr., Hamilton
Hong-Jun Yeh, Taichung, Taiwan

Bachelor of Science in Metallurgical Engineering

Thomas Wayne Foster, Sidney
Rowdy Joe Joseph, Mt. Sterling

Bachelor of Science in Surveying

Scott Kevin Antalovich, North Perry

Bachelor of Science in Welding Engineering

Diane Leigh Hallum, Columbus
Carl J. Heuckroth, Kitchener, Ontario
David Stephen Hoffman, Circleville
John Theodore Perozek, Brooklyn Heights
Charles Albert Pfister, Westchester
Robert Dale Thompson, McMinnville, OR

School of Architecture

Bachelor of Science in Architecture

Brent Allen Buehrer, Maumee
Steven E. Defelippi, Huron
Russell John Eymann, Jr., Chagrin Falls
Theodore J. Hoeflinger, Toledo
Andrew Howard Hubbard, Canfield
Jeffrey Todd Hutcheson, Mt. Vernon
Mark Jurcic, Tarrytown, NY
John Spencer Withers, Columbus

Bachelor of Science in Landscape Architecture

Pamela Joan Arendt, Perrysburg
Lucia Marie Condo, Columbus
Daniel Dewitt Knotter, Cleveland
Raymond Francis McGuirk, Jr., Niles
Kathleen Ann Mihaiu, Cleveland

College of Home Economics

Dean: Lena Bailey

Bachelor of Science in Home Economics

Lisa Susan Albert, Grove City
Mary A. Baddour, Mansfield
Judith Marie Baum, Zanesville
Maria Pauline Bellisari, Columbus
Jill L. Biehl, Marietta
Anne Margaret Broekema, Columbus
Elizabeth Ruth Brown, Hilliard
Jill Lynn Bruning, Dublin
Jan Elizabeth Burke, Columbus
Cathleen Ann Carroll, Kettering
Alison Hill Easterday, Delaware
Joan Marie Fritsche, Parma
Mara Renee Griffith, North Olmsted
Jack Timothy Herr, Mansfield
Debra Kay Huff, Columbus
Nadeen Katz, Dayton
Deborah Jill Krause, Mayfield Heights
Stephen Robert Lennon, Westerville
Tracey Lynn Long, West Chester
Lori Lee McDougale, Columbus Grove
Deborah Lynn McKinney, Dayton
Cynthia Kaye Miller, Columbus
Linda Ann Miller, Elyria
Leah Riston Philpott, Chagrin Falls
Janet S. Riemenschneider, Columbus
Diane Margaret Sabo, Bellevue
Robin Ann Sampliner, Cleveland
Sally Anne Schroeder, Worthington
Kelly Bess Seeberg, Urbana
Sholeh Shahrokhi, Columbus
Julie Marie Simon, Metamora
Diane Marie Sink, Columbus
Edward Lee Slusser, New York, NY
Janet Marie Smurr, Columbus
Dee Ann Spruance, Columbus

William McKinley Stepp, Columbus
Russell Brian Stump, Worthington
Marlene Tranovich, Bellaire
Polly Ann Tsiliacos, Columbus
Leslie Ann Tucker, Bowling Green
Jane Elizabeth Wachaya, Newark
Patricia Ann Wentz, Cincinnati

Bachelor of Science in Food Technology

Lynne Ann Inks, Lakewood

Bachelor of Science in Hospitality Management

Nancy Jean Abbott, Essex Junction, VT
Victor Elias Albainy, Jr., Parma
Kenneth Allen Fennell, Maple Heights
Alan Alexander Jacobson, Long Beach, NY
James Richard Kimmel, Tiffin
Raymond John Merle, Columbus
Thomas Gerard Pentenburg, Lima
J. Douglas Woodruff, Columbus

Bachelor of Science in Nutrition

Heidi Elizabeth Feist, North Canton

College of Law

Dean: Francis X. Beytagh, Jr.

Juris Doctor

Donna Williams Alexander, Cleveland Heights
B.A. (Bowling Green State University)
Melani Cameron Anderson, Columbus

Ruth Bope Dangel, Columbus
B.S.Nurs.

Portia Adele Furcron, Cleveland
B.A. (Ohio Wesleyan University)

Stephanie Mason Jackson, Reynoldsburg
B.S. (Bowling Green State University)

Daniel Jefferson Kading, Columbus
B.A.

Price Clarence Kellar III, Logan
B.S.Agr.

David Manahan, Napoleon
B.S. (Bowling Green State University)

Susan Allison Matulich, Centerburg
B.B.A. (Ohio University)

Susette Camille Putman, Delaware
B.S.Ed.

Anne Louise Shank, Dayton
B.A. (Northwestern University)

James Michael Snyder, Lorain
B.S.Bus.Adm.

Michael Alan Stann, Cleveland
B.A. (Wittenberg University)

Deborah Ann Wagner, Columbus
B.S.J. (Ohio University)

College of Medicine

Dean: Manuel Tzagournis

Doctor of Medicine

Ellen Leeb, Cleveland
B.S. (Case Western Reserve University)

Richard Eugene May, Jr., Uniontown
B.A. (Miami University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Edward John Firgau II, Highland Park, NJ
Cheryl Denise Forney, Wellington
Carl Edward Hennon III, Toledo
Elizabeth Ann Hone, Bucyrus
Christine Louise Jarus, Columbus
Myrna Luna, Guayama, PR
Karen Lynne Marquis, Newark
Randy Douglas McClellan, Bloomdale
Ferede Desalegn Mekuria, Addis Ababa, Ethiopia
Jennifer Joyce Morrison, Bedford
Andrew Joseph Schnack, Columbus
Renee Condrey Smilee, Tampa, FL
Patricia Lynn Stevning, Pell City, AL
Melissa Ruth Webster, St. Clairsville

Certificate of Nurse Anesthesia

Randal Dean Martin, Defiance
B.S.Nurs.

College of Nursing

Dean: Carole A. Anderson

Bachelor of Science in Nursing

Diane Emilia Beilfuss, Lancaster
Mary Ann Bokros, Columbus
Lynn Marie Boyer, Youngstown

Karen Moody Clokey, Westerville
 Michelle Ann Draper, Cincinnati
 Deirdre Elaine Dye, Centerburg
 Rhonda Sue Harlow, Elida
 Kathryn Lynn Kanning, Columbus
 Siobhan Josephine Kelly, Dayton
 Margaret Emma Kennedy, Ashtabula
 Diane Kay Lanterman, Berlin Center
 Julie Ann Leite, Toledo
 Carol Lynn Lockrey, Columbus
 Will Crawford Mechling, Pittsburgh, PA
 Michael A. Montes, Islip, NY
 Karen Louise Ruzicka, Centerville
 Colleen Annette Smith, Wilmington
 JoAnna Lynn Sutton, Circleville
 Judith Susan Svoboda, Worthington
 Lynda Jo Vostatek, Wapakoneta
 Margot Wallace, Willard

College of Pharmacy

Dean: Albert H. Soloway

Doctor of Pharmacy

David Francis Kisor, Cleveland

Bachelor of Science in Pharmacy

Julie Anne Taddeo Bauers, Mansfield
 Yiu Chung Chan, Hong Kong
 Victor Louis Ciaramitaro, Cincinnati
 Cheryl Sue Findling, Carroll
 Gary Andrew Gerst, St. Clairsville
 Pee Eng Lee, Malaysia
 Shari Lynn MacSwain, Columbus
 Jeannine Marie O'Brien, Boston
 Stephen Todd Rogers, Dover
 Don William Serafini, Martins Ferry
 Sheila Sherry Sperling, Beachwood
 Gregory John Susko, Findlay

College of Social Work

Dean: Richard E. Boettcher

Bachelor of Science in Social Work

Robert Martin Carter, St. Louis, MO
 Denise Lynn Click, Westerville
 Ann Frances Sedlock, North Royalton

Graduates with Honors

Criteria for graduation with honors are as follows:

With Distinction requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

With Honors in the Liberal Arts requires successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in International Studies

Gillian Sue Martin

With Distinction in Medical Technology

Jennifer Joyce Morrison

With Honors in the Liberal Arts

Karl Joachim Rexer

With Honors in the Liberal Arts and With Distinction in English

Jeffrey Scott Plungis

Cum Laude

Alicia M. Adams
 Scott Kevin Antalovich
 Pamela Joan Arendt
 Marilee J. Beach
 Deborah Louise Campbell
 Julia Annette Cassidy
 Su Chin Chang
 Karen Marie Clasgens
 Susan Karalewitz Dent
 Thomas Franklin Ewing
 Fulvia Pellegrini Fowler
 Hong Ming Fu
 Michael P. Garapic
 Rajeev Lochan Gorowara
 Martin D. Greenwald
 Mary Ruth Habeck
 Norman Tyrone Haslop
 Csaga Katalin Hovanyi
 Eugene Stanley Hulshult, Jr.
 Lori Ann Iams
 Arthur L. Isennagle III
 James Paul Jackson
 Linda Ann Jenkins
 Kathryn Ann Johns
 Jennifer Kling
 Monica Ann Krepfl
 Sheryl Lynn Kurelic
 Diane Kay Lanterman

Linn Marie Marso
 Timothy Paul McDonald
 Todd Andrew Miklos
 Christine Elizabeth Moody
 Deborah Christine Moroz
 Becky Friebe Morris
 Robert Stuart Naylor
 Richard Dickson Owens
 Deborah Suzanne Piggott
 Amie Lee Preston
 Daniel M. Reed
 Stephen Todd Rogers
 Timothy Craig Schutt
 Anna Christine Scott
 Susan Marie Spires
 J. Steven Weed
 Kathy Marie Wenz
 James Russell Whitlock
 Robin Lynn Yoho
 Ka Fai Yu

Cum Laude with Distinction in Civil Engineering

Daniel Jay Rawn

Cum Laude with Distinction in English

William Eugene Hughes

Summa Cum Laude

Jeffrey David Adams
 Mohammad Tahsin Alchorbaji Mzaik
 Steven Robert Bishop
 Paul Keith Blankenbaker
 Yiu Chung Chan
 Susan Mary Dobos
 Stuart Alan Fagin
 Anne Marie Gibbs
 Dawn Hendricks
 Patrick Sheeran Hennessey
 Lee Kevin Hoelscher
 Kathryn Jean Irwin
 Lisa Maria Joseph
 Kevin Lee Kagarise
 Karen Elaine Kail
 Constance Lee Klopp
 Wei Wei Lee
 Chiew Chooi Mak
 Monique Manhal
 Ann Elizabeth Melick
 Donna Kay Potter
 Richard Edward Powers
 Philip Lawrence Schenk
 Ann Frances Sedlock
 Gary Walter Stuhlfauth
 Kui Shin Voo
 Nancy Jeanne Vosler
 Marilyn Clark Wagner
 Harriet Campbell Weeks
 Roger A. Wren

**Summa Cum Laude with Distinction
in Anthropology**

Jeffrey Alan Stern

**Summa Cum Laude with Honors in
the Liberal Arts**

Christopher Robert Kupec

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND TWENTY-SIXTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 4 and 5, 1986

The Board of Trustees met at its regular monthly meeting on Thursday, December 4, and Friday, December 5 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *
Minutes of the last meeting were approved.
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December 4 and 5, 1986 meeting, Board of Trustees

The Chairman, Mr. Galbreath, called the meeting of the Board of Trustees to order on December 4, 1986, at 6:30 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Daniel M. Galbreath, Chairman, Leonard J. Immke, John W. Berry, Hamilton J. Teaford, John J. Barone, Deborah E. Casto, and John W. Kessler.

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Mr. Galbreath reconvened the meeting on December 5, 1986, at 10:15 a.m.

Present: Daniel M. Galbreath, Chairman, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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Mr. Galbreath:

Before we get too serious this morning, I would like to comment that I have served on this Board for eight and half years and one of the excitements about being at the head of the table is that I can be close to the coffee pot. And I note now that we are out of coffee. I was reminded by Ms. Casto that we are also out of heat. So Mr. Barone suggested that we have our February meeting in Florida and that you would all make it. We'll vote on that a little later on. I guess I really shouldn't have started it off that way, but it must be the Holiday spirit. One of our guests today is Mr. Michael Klepper, a senior in the Colleges of the Arts and Sciences, who would like to discuss something with us. Mr. Klepper, if you will please--

Mr. Klepper:

Thank you. House Bill 845 is a law that requires registration with the Selective Service if a person is to be charged in-state tuition and to receive state financial aid. This law will effectively stop the education of those non-registrants who are currently in school and will similarly influence those who are not yet in college. Ohio State will begin enforcing this law beginning next quarter. I would like to point out reasons why Ohio State shouldn't implement this law and to suggest possible actions that the Board of Trustees could initiate that would alleviate the effects of the law.

Now besides stopping the education of non-registrants, Ohio State should have reservations about implementing this law: some general considerations about the relationship between the individual and the State; considerations about the fairness of House Bill 845 and similar Selective Service laws; and considerations about how the relationship between the University and the State will change under this law. I will only go into detail on the last subject.

Under House Bill 845, state universities will not only be places of research and education, but also tools of coercion -- performing the job customarily done by the Justice Department.

December 4 and 5, 1986 meeting, Board of Trustees

Mr. Klepper: (contd)

So the state university will essentially become a policeman, which isn't its job. But even if it were, then why would untried and unconvicted non-registrants be barred from attending classes, while a tried and convicted murderer wouldn't be?

By preventing non-registrants from attending a university, the particular combination of philosophical, moral, political and religious beliefs that result in a non-registrant being a non-registrant, cannot become part of the academic landscape. Therefore, House Bill 845, in a sense, is a restriction on the communication of ideas. Also, this law could just be the tip of an iceberg. What is to prevent the Government from denying education to people on the grounds of other non-academic reasons, such as having AIDS or espousing world communism? And what is to prevent the Government from having universities implement other programs, for example, quota systems on admissions?

For these reasons, maybe Ohio State should do something other than blindly enforce the law. Now at the two extremes Ohio State could complacently enforce the law, or could outright refuse to enforce this. But intermediate reactions are possible, such as denying state aid to non-registrants, but refuse to raise tuition. Or, create an alternative financial aid package designed to alleviate the effects of House Bill 845. Other than just enforcing the law, the choice of creating an alternative financial aid seems to be the most legally safe, but that's for lawyers to decide. I think it is worth pointing out, though, that several universities, such as the Universities of California and Iowa, have chosen to do just this. It is also worth pointing out that the creation of an alternative financial aid program would not be in conflict with the Government's goal of attaining 100% draft registration compliance, but only in conflict with the means it employs.

So, I think, two things are needed: discussion to decide what action would be best, and if anything other than enforcing the law blindly is chosen in the determination, to follow through with that decision. Thank you. I will be willing to take any questions that you have.

Mr. Galbreath:

Thank you, Mr. Klepper. Let me ask one thing, is House Bill 845, is that a state or federal bill?

Mr. Klepper:

State bill.

President Jennings:

There are two laws. There is a state law that Michael described that requires out-of-state tuition for non-registrants unless, of course, there is an exception. There are exceptions for religion and that type of activity. The federal law makes one ineligible for federal financial aid if one is not a draft registrant.

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Mr. Klepper:

I beg to differ with you, Mr. President. Draft registration is required of all people and there is no Conscientious Objector status.

President Jennings:

I thought there was a--

Mr. Teafor:

Not from registration.

President Jennings:

Not from registration, but you can get an exemption from service because of religious reasons.

Mr. Teafor:

If there was service connected with registration, you could get an exemption.

Mr. Galbreath:

Have both of these bills passed?

President Jennings:

Yes. They are law.

Mr. Teafor:

And the University is enforcing them.

President Jennings:

We are.

Mr. Teafor:

What penalty will the University suffer by not enforcing them?

President Jennings:

I don't think there is a penalty in the law, but obviously the State could force us.

Mr. Thompson:

There are two things: number one is, as you were saying, there could be an injunction action, for example, to require us to comply with the law. But the other penalty is, in essence, the loss of state subsidy if, in fact, we do not comply with this provision of the law.

Mr. Klepper:

But by creating an alternative financial aid program that uses

December 4 and 5, 1986 meeting, Board of Trustees

Mr. Klepper: (contd)

non-state funds, then Ohio State would still be enforcing the law, but the law wouldn't have as much impact as was intended to do so.

Mr. Thompson:

The difficulty, however, is -- you mentioned California and Iowa. Their state laws are different than the state law that has been enacted here. But the difficulty is, it's sort of a Catch-22, in a sense. If you provide the alternative financial aid, it is state aid, because it is coming from state funds. And therefore, you are in a never ending cycle as to how to -- in other words, you would not be eligible if you had not registered for the draft for that aid given to persons who have not registered, because it is state aid through the University.

President Jennings:

Independent of what the source of the money is.

Mr. Thompson:

Exactly.

Mr. Klepper:

I see --

Mr. Teaford:

I mean, as I understand it, the University is not at all happy that they have been put in the position of an enforcement tool of a Federal or State policy. To that extent we are certainly sympathetic to what you are saying, Mr. Klepper. If they want to have laws on that subject, they should enforce them themselves, rather than forcing us to do it. I think we are in a Catch-22, at this point.

President Jennings:

Yes, this both locally -- we have been opposed to that legislation and our national organizations have been opposed to that legislation -- not on political grounds, but on grounds of being an enforcement agent that we are not equipped to deal with. As a matter of fact, the problem with this is just not a denial of students, it is very costly to invoke these enforcement mechanisms.

Mr. Galbreath:

Thank you, Mr. Klepper. I appreciate your being here and that you would go through the proper channels to come before us and we encourage that participation. Thank you very much.

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December 4 and 5, 1986 meeting, Board of Trustees

Mr. Galbreath: (contd)

We have another special guest, Malcolm Baroway, who has a presentation to make to us.

Mr. Baroway:

Thank you, Mr. Galbreath. I will be, in a moment, presenting a new logo or symbol for the University. Appropriately, last night, those of you who might have been watching television after the basketball game, you might have seen OSU play Missouri, and I'm not sure who won. The score was ten to six in favor of OSU at about midnight when I turned it off. OSU, of course, was Oklahoma State University. It was on national television and millions of people were watching. I will be presenting a brief rationale and slides here as to why we have decided to make a new logo for the University. If I can have the slides.

Basically, we are in visual society now in which an institution can have a name -- an oral name, but an institution also has a visual name, a visual identity. And of course, the first types of institutions that recognized that in this country were institutions that themselves were visual -- newspapers. So if you might close your eyes at sometime and try to visualize the Wall Street Journal or the New York Times or The Columbus Dispatch, you will probably see a type face. If you do the same in magazines, you see a type face in which the name of the institution is identified with the way it looks. And, of course, in the corporate world DuPont, E. F. Hutton, Eaton, there are thousands of examples, Kodak, Coca Cola, Giorgio.

Since 1977, the Ohio State identification has purely been OSU. There is really nothing wrong with OSU, it has a classic identification in itself. But there are at least three OSU's with national identity -- some people have said that there is a fourth OSU. Anytime that we present OSU, the symbol, as an identity, we have to attach the caveat, The Ohio State University, as far as using it on University publications, on television spots that we produce for the bowl games for national television, and they are getting more and more numerous. In case you wonder whether other universities who are sometimes known by initials, have an identity, a visual look to the name, most of them do. Here is an example. We took it off some ads in the Chronicle of Higher Education. NYU is, of course, NYU to a lot of people, but it has a visual look, New York University. University of Pittsburgh is Pitt to a lot of people, but it has a University of Pittsburgh identity, as does Harvard, as does Illinois, as does Iowa, as do most of the institutions. Here are some examples, some of them right from our State -- Kent State, Wright State, Toledo, Miami University, and we just grabbed a few others there, that have a visual identity for the name of the institution.

Our identity has been since 1977, OSU. And there certainly are still reasons for that application. And to add an identity -- we are not in anyway going to take the OSU off of Larkins Hall or to eliminate some of the major ones. But over time, we will phase in a different logo in the many situations in which you see OSU on campus, in other materials and situations -- the

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Mr. Baroway: (contd)

University buses, signage. That is the back of University publications (slide), of which we produce, in our office alone, about 500 a year. We are presenting to you a classic identity -- The Ohio State University. It is a version of a type face called palatino. It exemplifies, to me, an institution that has a history, that is classic, that is excellent, and one that is classic in itself.

These are some examples of letterheads that we have set up for the identity and there are, I believe you have seen, some calling cards. The words "Ohio State" can be plucked out of the logo itself and used in certain applications. That is the same type face without the box. And there will be applications for the Ohio State in a more informal situation. That is the logo and that is the end of the presentation. We have a classic item to distribute at the end of the meeting and that would be the first Ohio State University T-shirts with the new logo on it, which we had produced -- in the tradition of student government -- for this meeting.

Mrs. Bowser:

When they write the history of your Presidency --

President Jennings:

Now watch it, Shirley --

Mrs. Bowser:

You are going to go down as having taken Columbus out of the seal, and now the new logo -- got rid of OSU.

Mr. Galbreath:

Everybody has to be known for something. Mr. President, is this open for debate? You know I would like to ask, I noticed that two of the letters in State are joined together is that by the style that you talk about, whatever that name was?

Mr. Baroway:

That's right, that was done on purpose. It is combining them to unify the letters, so you get a feeling of a whole word there, as opposed to separate letters.

Mr. Galbreath:

That is not a gimmickry thing, that's the style of script that you are using?

Mr. Baroway:

That was done on purpose. It takes the letters and closes them up so that they are connected, yes, Sir.

Mrs. Bowser:

You have four letters in Ohio and you are trying to condense the

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Mrs. Bowser: (contd)

five letters of State, I judge?

Mr. Baroway:

We are trying to condense them so that they take the same horizontal space, that is correct.

Mrs. Bowser:

Now what I want to know is, are we going to have the band change the Script Ohio?

Mr. Baroway:

This does not change the registered and liscenced symbols of the institution -- Script Ohio, the Block O, the University Seal, Brutus Buckeye. These are all registered. We don't lose them, we simply gain another symbol that we will use as a symbol for the institutional name.

Mr. Galbreath:

Shirley, rumor has it that the only other change in Script Ohio is that the President is going to dot the "i." Thank you, Malcolm.

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AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY

Resolution No. 87-57

Synopsis: Amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty are proposed.

WHEREAS the Vice President for Academic Affairs and Provost has made recommendations regarding the reorganization of the administration for the Regional Campuses and the Colleges of the Arts and Sciences which resulted in the creation of the new titles of Coordinating Dean for Regional Campuses, Coordinating Dean for Arts and Sciences, and Dean for Undergraduate Studies for Arts and Sciences; and

WHEREAS pursuant to rule 3335-1-09 of the Administrative Code and upon recommendation of the President, the following changes in bylaw 3335-1-03 (Q), and rules 3335-3-22, 3335-3-261, 3335-3-28, 3335-3-291, 3335-3-30, and 3335-5-091, rescission of rule 3335-3-175 and the creation of new rules 3335-3-262 and 3335-3-301 are proposed as follows:

BYLAW

3335-1-03 Administration of the university.

(Q) Council of deans.

- (1) The president of the university, the vice president for academic affairs and provost, the deans of the colleges, the

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AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

vice president for research and graduate studies, the dean of the graduate school, the deans and directors of the regional campuses, the dean for undergraduate studies for arts and sciences, and the director of libraries shall comprise the council of deans of the university. The president shall be chairperson of the council, the vice president for academic affairs and provost shall be vice chairperson, and the vice president for academic affairs and provost's designee shall serve as secretary. In the temporary absence of the president, the duties of the presiding officer shall be assumed by the vice president for academic affairs and provost.

- (2) The council of deans shall meet on the call of the chairperson. The council of deans shall serve as an advisory council to the president.

RULES

3335-3-175 to be rescinded.

3335-3-22 Council of deans.

- (A) The president of the university, the vice president for academic affairs and provost, the deans of the colleges, the vice president for research and graduate studies, the dean of the graduate school, the deans and directors of the regional campuses, the dean for undergraduate studies for arts and sciences, and the director of libraries shall comprise the council of deans of the university. The president shall be chairperson of the council, the vice president for academic affairs and provost shall be vice chairperson, and the vice president for academic affairs and provost's designee shall serve as secretary. In the temporary absence of the president, the duties of the presiding officer shall be assumed by the vice president for academic affairs and provost.
- (B) The council of deans shall meet on the call of the chairperson. The council of deans shall serve as an advisory council to the president.

3335-3-261 Establishment of regional campuses.

- (A) There shall be four regional campuses of the university located at Lima, Mansfield, Marion, and Newark, Ohio. The administrative head of each regional campus shall be a dean and director.
- (B) The four regional campuses shall be administered separately by their respective deans and directors. However, matters of common concern to the regional campuses shall be coordinated through a coordinating council of regional campus deans and directors. The coordinating dean for regional campuses, created in rule 3335-3-262 of the Administrative Code, shall serve as chairperson of the council.

3335-3-262 Coordinating dean for regional campuses.

- (A) There shall be a coordinating dean for regional campuses. The coordinating dean shall be appointed from among the four regional campus deans and directors by the vice president for academic

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AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
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affairs and provost in consultation with the president to serve a two-year term and shall be eligible for reappointment.

- (B) The coordinating dean for regional campuses shall report to the vice president for academic affairs and provost.
- (C) The coordinating dean for regional campuses shall serve as chairperson of the coordinating council of regional campus deans and directors (see rule 3335-3-261 of the Administrative Code).
- (D) The coordinating dean for regional campuses shall also be responsible for such other matters pertinent to the regional campus which may be designated by the vice president for academic affairs and provost.

3335-3-28 Organization of the colleges of the arts and sciences.

- (A) The colleges of the arts and sciences shall consist of: the five colleges so designated by rule 3335-3-26 of the Administrative Code; the faculty of the arts and sciences as created by rules 3335-5-26 to 3335-5-28 of the Administrative Code; and a coordinating council of deans comprised of the deans of the five colleges and the dean for undergraduate studies for arts and sciences as created by rule 3335-3-301 of the Administrative Code.
- (B) The five colleges in the arts and sciences shall be administered separately by their respective deans, and their individual faculties shall have jurisdiction over college academic programs and the nature and content of courses offered. However, matters of common concern to the several colleges shall be coordinated through the coordinating council of deans. The coordinating dean for arts and sciences, created by rule 3335-3-30 of the Administrative Code, shall serve as chairperson of the coordinating council of deans.
- (C) Student personnel services and student records for the colleges of the arts and sciences shall be administered by the colleges of the arts and sciences.

3335-3-291 Dean and director of a regional campus.

- (A) There shall be a dean and director of each regional campus who shall be a member of its faculty and the administrative head of the regional campus. The dean and director shall be appointed by the board of trustees upon nomination of the vice president for academic affairs and provost in consultation with the president. Before making this nomination, the vice president for academic affairs and provost or designee shall confer with the regional campus faculty, the department or school in which the faculty appointment would be made, and shall consider the recommendations of the deans of the colleges with regular faculty assigned to that campus.
- (B) The major responsibility of each regional campus dean and director shall be that of providing active leadership in the promotion, direction, and support of educational activities and research opportunities, in the maintenance of a high level of morale among the faculty, and in the encouragement of the spirit of learning among the students. In addition the dean and director shall have

December 4 and 5, 1986 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
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administrative responsibility for the program of the regional campus subject to the approval of the vice president for academic affairs and provost or designee, the president, and the board of trustees.

These administrative responsibilities shall include the duty:

- (1) To preside at meetings of the faculty executive committee and to appoint members to regional campus committees unless the method of selection is determined by the Administrative Code or by the regional campus faculty.
- (2) To develop in consultation with the faculty a pattern of administration for the regional campus following the principles set forth in paragraph (B)(2) of rule 3335-3-35 of the Administrative Code.
- (3) To communicate to the regional campus community the educational programs, standards, and policies of the campus and the university.
- (4) To establish the extent and variety of course offerings on the regional campus in consultation with the vice president for academic affairs and provost or designee, the appropriate college deans, department chairpersons or school directors, and the faculty of the regional campus.
- (5) To consult with the appropriate college dean and department chairperson or school director and to jointly offer employment to prospective faculty members assigned to the campus.
- (6) To assist the appropriate college deans, department chairpersons, and school directors in the annual review of all faculty assigned to the regional campus. This assistance shall include a written evaluation of the faculty member's teaching, research, and service activities on and for the regional campus. The regional campus dean and director shall be consulted when a regional campus faculty member is being considered for promotion and tenure and may suggest such candidates to the appropriate chairpersons and directors.
- (7) To prepare and administer the regional campus budget in consultation with the regional campus faculty budget committee; to consult with the appropriate chairperson or director regarding faculty salary recommendations; to be responsible for the management, maintenance, and security of the physical plant and capital equipment of the regional campus.
- (8) To maintain liaison with community councils and agencies and to garner support of regional campus programs and activities.
- (9) To develop, promote, and maintain educational, cultural, and service programs with approval of the appropriate university bodies and administrative officials. The dean and director shall review all such programs periodically.
- (10) Consult with the coordinating dean for regional campuses on matters of common concern to the regional campuses.

December 4 and 5, 1986 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

- (C) The dean and director shall also be responsible for such other matters pertinent to the regional campus which may be designated by the vice president for academic affairs and provost or designee.

3335-3-30 Coordinating dean for arts and sciences.

- (A) There shall be a coordinating dean for arts and sciences who shall be a member of the coordinating council of deans for arts and sciences. The coordinating dean shall be appointed by the vice president for academic affairs and provost, in consultation with the president, for a two-year term and shall be eligible for reappointment.
- (B) The coordinating dean for arts and sciences shall report to the vice president for academic affairs and provost.
- (C) The coordinating dean for arts and sciences shall serve as chairperson of the coordinating council of deans of the colleges of the arts and sciences (see rule 3335-3-28 of the Administrative Code).
- (D) The coordinating dean for arts and sciences shall also be responsible for such other matters pertinent to the arts and sciences which may be designated by the vice president for academic affairs and provost.

3335-3-301 Dean for undergraduate studies for arts and sciences.

- (A) There shall be a dean for undergraduate studies for arts and sciences who shall be a member of the faculty of the arts and sciences charged with implementing policies of the faculty as set forth in paragraphs (E) and (F) of this rule. The dean for undergraduate studies shall be appointed by the board of trustees upon nomination by the vice president for academic affairs and provost in consultation with the president. Before making this nomination, the vice president for academic affairs and provost shall confer with members of the faculty of the arts and sciences.
- (B) The dean for undergraduate studies for arts and sciences shall report to the coordinating dean for arts and sciences.
- (C) The dean for undergraduate studies for arts and sciences shall be a voting member of the coordinating council of deans of the colleges of the arts and sciences (see rule 3335-3-28 of the Administrative Code).
- (D) The dean for undergraduate studies for arts and sciences shall implement policies of the faculty of the arts and sciences with respect to the following:
- (1) Curricula and requirements for "untagged" baccalaureate programs and development of new and useful programs in this area.
 - (2) Basic education requirements for all undergraduate students.
 - (3) The retention and further development of curricula assigned specifically for the general education of undergraduate

December 4 and 5, 1986 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
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students.

- (4) A general honors program for the arts and sciences.
- (5) Counseling and record services and attendant procedures.
- (6) Coordination of student intercollege transfers involving the arts and sciences.
- (E) The dean for undergraduate studies for arts and sciences shall be responsible for the fulfillment and certification of the untaged degree requirements in the arts and sciences.
- (F) The dean for undergraduate studies for arts and sciences shall, in cooperation with the dean of university college, be responsible for the coordination of university college counseling and curricular development with that of the arts and sciences. Specifically, the dean for undergraduate studies shall keep university college informed of all changes in curricular requirements and other matters pertaining to academic counseling, and in this manner assist in achieving consistency of counseling in the university college with that in the arts and sciences.
- (G) The dean for undergraduate studies for arts and sciences shall be consulted by the deans of the individual colleges on personnel matters relating to faculty primarily engaged in undergraduate instruction.
- (H) With the approval of the faculty of the arts and sciences, or its designated representative body and the coordinating dean of arts and sciences, the dean for undergraduate studies may appoint committees from the faculty of the arts and sciences to work with him/her in the implementation of those policy areas as outlined in paragraph (D) of this rule. Should there be established a curriculum committee of the faculty of the arts and sciences, the dean for undergraduate studies shall serve as its chairperson ex officio.
- (I) The dean for undergraduate studies for arts and sciences shall also be responsible for such other matters pertinent to the arts and sciences which may be designated by the coordinating dean for arts and sciences.

3335-5-091 Communication with the vice president for academic affairs and provost.

- (A) Each faculty member assigned to a regional campus shall have the right to transmit, through the dean and director, to the vice president for academic affairs and provost or designee, any communication bearing upon the work in which he/she is personally engaged, and the dean and director shall promptly transmit to the vice president for academic affairs and provost or designee any communication so received. For faculty with the rank of professor, this usual method of communication may be altered in an individual case.
- (B) This rule shall in no way limit the vice president for academic affairs and provost or designee in communicating with the regional

December 4 and 5, 1986 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
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campus faculty.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Bylaws of the Board of Trustees and the Rules of the University Faculty be adopted.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 87-58

Synopsis: Amendments to rule 3335-9-22 of the Rules of the University Faculty are proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty; and

WHEREAS the University Senate approved changes to rule 3335-9-22 of the Rules of the University Faculty on December 7, 1985, as follows:

3335-9-22 Group absences.

- (A) Whenever possible, group absences shall be planned so that they do not conflict with regularly scheduled classes.
- (B) Group absences which are a necessary part of a class scheduled in the university must be authorized by the chairperson of the department or director of the school in which the class is scheduled.

Group absences which are a necessary part of a non-class function of the university must be authorized by the office of student programs and development who coordinates all student activities. In the latter instance, the person authorizing the absence shall file in the office of student programs and development, a letter containing: a list of names of all of the students involved, the dates and times of the absence, and a complete explanation of the purpose of the absence. The person authorizing the absence shall distribute a copy of this letter to each student involved in the group absence.

The student may then present his copy of the letter to each instructor of the classes from which the student will be absent. This letter may be the basis of an excuse for an absence from class under the policies provided in rule 3335-9-21 of the Administrative Code.

NOW THEREFORE

BE IT RESOLVED, That rule 3335-9-22 of the Rules of the University Faculty be amended as approved by the University Senate.

December 4 and 5, 1986 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

Upon motion of Mrs. Bowser, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 87-59

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the November 7, 1986 meeting of the Board, including the following Change in Title, Concurrent Appointments, Appointments, Reappointment of Chairperson of Department, Leaves of Absence Without Salary, Leave of Absence Without Salary--Continuation, Professional Improvement Leave--Cancellation, Emeritus Titles, and Emeritus Title--Change of Date as detailed in the University Budget be approved, and the Medical Staff Appointments/Reappointments approved November 20, 1986, by the Hospitals Board be ratified.

Change in Title

Name: THOMAS A. WILLKE
Title: Dean for Undergraduate Studies for Arts and Sciences
Office: Academic Affairs
Effective Period: January 1, 1987 - June 30, 1988
Salary: N/A
Present Assignment: Vice Provost for the Colleges of the Arts and Sciences, Office of Academic Affairs

Concurrent Appointments

Name: JAMES S. BIDDLE
Title: Coordinating Dean for Regional Campuses
Office: Academic Affairs
Effective Period: January 1, 1987 - December 31, 1988
Salary: \$73,520.00
Present Assignment: Dean/Director, Lima Campus (No Change)

Name: JOAN N. HUBER
Title: Coordinating Dean for Arts and Sciences
Office: Academic Affairs
Effective Period: January 1, 1987 - December 31, 1988
Salary: \$79,760.00
Present Assignment: Dean, College of Social and Behavioral Sciences (No Change)

Appointments

Name: RAY D. RYAN, JR.
Title: Executive Director/Associate Professor
Center/Department: National Center for Research in Vocational Education/Educational Policy and Leadership
Effective: December 15, 1986
Salary: \$75,000.00
Present Position: Associate Professor of Industrial Technology and Coordinator of Industrial Vocational Education, College of Engineering, Arizona State University

December 4 and 5, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: STANLEY J. DUDRICK
Title: Chairperson/Professor
Department: Surgery
Effective Period: July 1, 1987 - June 30, 1991
Salary: \$80,040.00
Present Position: Clinical Professor of Surgery, The University of Texas Medical School at Houston; Attending Surgeon, St. Luke's Episcopal Hospital, Houston, Texas

Reappointment of Chairperson of Department

October 1, 1986 through June 30, 1987

Veterinary Anatomy

Carleton L. Lohse*

*Acting Chairperson

Leaves of Absence Without Salary

JAYASHREE RAMANATHAN, Associate Professor, Department of Computer and Information Science, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to pursue new funding sources.

BERYL J. JACKSON, Assistant Professor, Cooperative Extension Service, effective November 5, 1986, through November 30, 1986, for medical reasons.

Leave of Absence Without Salary--Continuation

MARLENE B. LONGENECKER, Director and Associate Professor, Center for Women's Studies and Department of English, effective January 1, 1987, through September 30, 1987, to continue appointment in the Governor's office.

Professional Improvement Leave--Cancellation

WILLIAM D. TAYLOR, Associate Professor, Department of Educational Theory and Practice, effective Winter Quarter and Spring Quarter 1987.

Emeritus Titles

ROLF H. SOELLNER, Department of English, with the title Professor Emeritus, effective April 1, 1987.

BEULAH M. HILL, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective November 1, 1986.

Emeritus Title--Change of Date

WILLIAM FORM, Department of Sociology, with the title Professor Emeritus, effective July 1, 1986, change to July 1, 1987.

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

December 4 and 5, 1986 meeting, Board of Trustees

RESOLUTION IN MEMORIAM

Resolution No. 87-60

Synopsis: A resolution honoring the service of one of the University's faculty members who has recently died is being proposed.

RESOLVED, That the Board adopt the following Resolution in Memoriam and that the President be requested to convey a copy to the family of the deceased.

H. Wayne Ramsey

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 18, 1986, of H. Wayne Ramsey, Professor Emeritus in the School of Music.

Dr. Ramsey was originally from New Concord, Ohio, where he attended public school and subsequently graduated from Muskingum College. He taught in public schools within Ohio, prior to receiving his Master's and Ph.D. degrees from The Ohio State University. Dr. Ramsey was an instructor in vocal and instrumental music in the University School at The Ohio State University from 1950 to 1952; a faculty member in the School of Music, Music Education Division, from 1952 until his retirement in 1984; and Chairman of the Music Education Division from 1969 to 1975. He was a veteran of WW II, serving in the U.S. Army 716th Tank Battalion. Dr. Ramsey was an elder in the Overbrook Presbyterian Church and also attended Xenos Christian Fellowship.

Dr. Ramsey was active in his service to the music education profession. For the Ohio Music Education Association he served as treasurer and convention chairman; and was member of executive, junior high school, higher education, curriculum, and district reorganization committees. He served as a member of the Music Educators National Conference advisory board for the National Council on Instruction. He also served as clinician, consultant and advisor to schools and organizations too numerous to mention, and was a frequent member of various accreditation teams. Dr. Ramsey was a student-centered professor, and encouraged many of those students showing promise to consider teaching in urban settings.

Wayne Ramsey worked diligently for his profession, and it was often his presence and wisdom that provided the needed momentum and perspective in developing a receptive climate for music education for all students within Ohio. Further recognizing his contributions to music education within the State, the Ohio Music Education Association awarded him the prestigious Distinguished Service Award at their 1984 annual conference held in Dayton.

Dr. H. Wayne Ramsey's contributions during his lifetime have proven repeatedly that he cared about people, and that he cared enough to devote the necessary time to assure, as best he could, that the present and future generations of school-age children receive quality music education instruction. It is because of his caring, quite, unrelenting advocacy that he will be deeply missed by his colleagues and students.

On behalf of the University, the Board of Trustees express to the family its sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

December 4 and 5, 1986 meeting, Board of Trustees

RESOLUTION IN MEMORIAM (contd)

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 87-61

Synopsis: The reports on contracts, grants, and gifts and the summary for October 1986 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of October 1986 be approved.

Upon motion of Mr. Teafor, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR OCTOBER 1986

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	94	\$10,276,848.71
Engineering Experiment Station	23	\$ 242,754.00
Total	117	\$10,518,602.71

The Ohio State University Development Fund

Establishment of Named Funds

The Biotechnology Professorship in Plant Tissue Culture and Cellular Genetics Fund (Salary and program support for an outstanding researcher and teacher)	\$ 123,000.00
The Harry C. Moores Scholarship Fund (Scholarships - education)	\$ 100,000.00
The James W. Overstreet/Columbus Foundation Scholarship Fund (Undergraduate scholarships)	\$ 100,000.00

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR OCTOBER 1986 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The College of Education Fund for Excellence (Support programs)	\$ 15,000.00
Marlowe and Oscar F. Axene Merit Scholarship in Agriculture (Scholarships)	\$ 10,000.00
The D. J. and J. N. Knull Fund in Entomology (Systematic entomological research and curatorial work)	\$ 10,000.00
Seneca County 4-H Endowment Fund (Support the Seneca County 4-H Program)	\$ 7,120.00
Edward L. Fox Memorial Fund (Research support to postdoctoral fellows in human exercise physiology in the Division of Physical Education)	\$ 6,890.00
Class of 1936 Scholarship Fund (Scholarships)	\$ 6,642.00
The Walter C. Rothenbuhler Travel Scholarship Fund (Awarded to students engaged in research on the honey bee)	\$ 6,500.00
The Joe Crosswhite Fund in Mathematics Education (To make a competitive award for outstanding performance in the initial certification program for secondary school mathematics teachers)	\$ 6,265.00
The Roy B. McCauley Welding Engineering Alumni Endowment Fund (Aid research, teaching and service programs)	\$ 5,438.00
The Roy A. Larmee Memorial Fund (Support the work of faculty and/or graduate students in educational administration)	\$ 5,150.00
Emmett H. Karrer Award Fund (Scholarship to an outstanding civil engineering student in construction engineering)	\$ 5,010.00
Sara Ann Leach Adams Loan Fund (Used to help students in studying orthodontics)	\$ 5,000.00
The Excellence in Biochemistry Fund (Support of excellence in teaching and research)	\$ 5,000.00

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR OCTOBER 1986 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Carl O. Boucher Memorial Fund

(To enrich and enhance the quality of clinical
and research endeavors in the removable
prosthodontic section of the College of Dentistry) \$ 5,000.00

**Thomas A. and John E. Hamrick Pickaway County
Scholarship Fund**

(Scholarships - Colleges of Agriculture and
Home Economics) \$ 5,000.00

The Thomas Huxley Langlois Research Fellowship

(Support research fellowships for scholarly
work at the F. T. Stone Laboratory) \$ 5,000.00

**The Samuel A. and Iona L. Patterson Endowed Fund
in Agriculture**

(Used to fund innovative projects) \$ 5,000.00

The Irving R. Silver Memorial Fund

(Aid research, teaching and service programs
in the Department of Welding Engineering) \$ 5,000.00

**The Robert B. Sutton Lecture in History of
Education**

(Support Sutton Lecture) \$ 5,000.00

The Excellence in Zoology Fund

(Support excellence in teaching and research) \$ 5,000.00

Change in Description of Named Funds

The Richard Delaney Athletic Scholarship Fund

Marian K. Thomas Horticulture Fund

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Report - October 1986

Federal Research Contracts/Grants

\$3,203,605.00 - Department of Labor, Employment and Training Administration, Washington, DC, National Longitudinal Surveys of Labor Market Experience, Center for Human Resource Research (K. I. Wolpin), 1 July 1986 through 30 September 1988. (Project 765719 - Continuation)

\$1,614,123.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, OSU Comprehensive Cancer Center Support (Core) Grant, Cancer Research Center (D. S. Yohn), 30 September 1986 through 30 June 1987. (Project 763976 - Continuation)

\$550,300.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, MD, Ohio Sea Grant - 1986-1987, Center for Lake Erie Research (C. E. Herdendorf and J. M. Reutter), 1 September 1986 through 31 August 1987. (Project 764320 - Continuation)

\$311,824.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Transmural Transport in Blood Vessels, Department of Pathology (D. L. Fry), 1 September 1986 through 31 August 1987. (Project 763184 - Continuation)

\$300,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, DC., Philippines Rural Financial Services Project, Department of Agricultural Economics and Rural Sociology (R. L. Meyer), 1 September 1986 through 31 August 1988. (Project 763301 - Continuation)

\$144,950.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, DC, Modulating Transfer RNA Anticodon Modification and Biologic Responses in Human Cells, Department of Physiological Chemistry and Cancer Research Center (R. W. Trewyn), 15 October 1984 through 14 October 1987. (Project 764432 - Continuation)

\$142,503.00 - International Development Cooperation Agency, Agency for International Development, Washington, DC, Ecology of the Virus and Mollicutes of Maize and of Their Dalbavirus Vectors in Costa Rica and Mexico, Department of Plant Pathology - OARDC (D. T. Gordon and L. V. Madden) and Department of Entomology - OARDC (L. R. Nault), 29 August 1986 through 28 August 1989. (Project 765712 - New)

\$136,984.00 - National Science Foundation, Washington, DC, Radial Heat Transfer in HeII, Department of Physics (J. T. Tough), 1 December 1986 through 30 November 1989. (Project 765737 - New)

\$136,521.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Breastfeeding Promotion in a Low Income Urban Population, Department of Pediatrics (L. K. Grossman), 1 October 1986 through 30 September 1987. (Project 765035 - Continuation)

\$117,038.00 - Department of Education, Office of Rehabilitation Services, Washington, DC, Facilitating the Transition from School to Work of

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Severely Learning Disabled Secondary Students, Department of Human Services Education (B. Growick and M. Klein), 1 October 1986 through 30 September 1987. (Project 765731 - New)

\$114,439.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Minimizing the Harmful Sequelae of Endotracheal Suction, Department of Life Span Process (K. S. Stone), 28 September 1986 through 27 September 1987. (Project 764427 - Continuation)

\$111,191.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Cardiac Myocytes and the Cellular Response to Ischemia, Department of Physiological Chemistry (G. P. Brierley), 30 September 1986 through 29 September 1987. (Project 765733 - New)

\$106,701.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Site Specific Modification of Human Cellular DNA, Department of Physiological Chemistry and Cancer Research Center (G. E. Milo), 30 September 1986 through 31 July 1987. (Project 765728 - New)

\$94,000.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug and Mental Health, Bethesda, MD, Training in Community Management of EDMR Children, Nisonger Center (D. Hammer) and Department of Pediatrics (J. A. Mulick), 25 September 1986 through 30 June 1987. (Project 765745 - New)

\$90,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, DC, Improvement of Savings and Credit Services by Rural Financial Institutions in Developing Countries, Department of Agricultural Economics and Rural Sociology (R. L. Meyer and J. Havlicek), 28 August 1986 through 31 December 1988. (Project 763301 - Continuation)

\$88,100.00 - Department of Agriculture, Cooperative State Research Service, Washington, DC, Characterization of a Gene Product Associated with Embryogenesis in White Pine, Department of Forestry - OARDC (F. W. Whitmore) and Department of Agronomy (J. C. Kamalay), 15 September 1986 through 30 September 1988. (Project 765725 - New)

\$86,777.00 - International Development Cooperation Agency, Agency for International Development, Washington, DC, U.S. AID Program Support Grant for Fiscal Year 1986-90, International Programs in Agriculture (F. J. Hitzhusen), 29 August 1986 through 30 June 1987. (Project 765750 - New)

\$84,758.00 - Department of the Army, Army Missile Command, Redstone Arsenal, AL, Radar Cross Section Prediction Code Development, Department of Electrical Engineering, ElectroScience Laboratory (R. J. Marhefka), 30 September 1986 through 29 September 1987. (Project 765718 - New)

\$78,598.00 - National Science Foundation, Washington, DC, The Influence of Interest Groups on Agenda-Setting in the U.S. Supreme Court,

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Department of Political Science (G. A. Caldeira), 1 September 1986 through 31 August 1988. (Project 765748 - New)

\$73,500.00 - Department of Education, Office of Postsecondary Education, Washington, DC, Cooperative Education Grant for the Professional Practice Program, College of Business - Administration (R. Georges), 1 September 1986 through 31 August 1987. (Project 765722 - New)

\$65,798.00 - Department of Education, Office of Special Education and Rehabilitative Services, Washington, DC, Training Grant in Rehabilitation Counseling, Department of Human Services Education (B. Growick and M. Klein), 1 September 1986 through 31 August 1987. (Project 765724 - New)

\$59,250.00 - National Science Foundation, Washington, DC, Ultrastructure of Paleozoic and Mesozoic Pollen and Spores, Department of Botany (T. N. Taylor), 15 October 1986 through 31 March 1988. (Project 764471 - Continuation)

\$58,631.00 - National Science Foundation, Washington, DC, Computer Typesetting of Musical Scores, Department of Computer and Information Science (J. S. Gourlay), 1 November 1986 through 30 April 1988. (Project 765129 - Continuation)

\$55,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, DC, Effects of Assuming Independent Component Failure Times, if They are Actually Dependent, in a Series System, Department of Preventive Medicine (M. L. Moeschberger) and Department of Statistics (J. P. Klein), 1 November 1986 through 31 October 1987. (Project 763265 - Continuation)

\$50,816.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Dietary Induced Aluminum Encephalopathy, Animal Models, Department of Veterinary Pathobiology (J. F. Long), 30 September 1986 through 31 August 1987. (Project 765717 - New)

\$37,771.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Affinity Probes for Retinoic Acid-Binding Proteins, College of Pharmacy (R. W. Curley), 30 September 1986 through 31 July 1987. (Project 765069 - Continuation)

\$33,273.00 - Department of Education, Office of Educational Resources and Improvements, Washington, DC, Using Research Knowledge to Improve Teacher Education, Department of Educational Policy and Leadership (N. Zimpher), 30 September 1986 through 30 September 1987. (Project 765034 - Continuation)

\$32,000.00 - Department of Agriculture, Animal and Plant Health, Moorestown, NJ, Cooperative National Plant Pest Survey and Detection Program (Ohio Plant Pest Survey), Cooperative Extension State Operations (H. R. Willson), 1 October 1986 through 30 September 1987. (Project 763261 - Continuation)

\$30,996.00 - Department of Health and Human Services, Public Health

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Service, National Institutes of Health, Bethesda, MD, Development of Sacral Parasympathetic Reflexes, Department of Anatomy (J. C. Bresnahan and M. G. Leedy) and Department of Surgery (M. Beattie), 1 November 1986 through 31 October 1987. (Project 765085 - Continuation)

\$30,500.00 - Department of Agriculture, Cooperative State Research Service, Washington, DC, Pilot Nematode Culture Collection, Department of Plant Pathology - OARDC and Department of Plant Pathology (R. M. Riedel), 4 August 1986 through 30 September 1987. (Project 765721 - New)

\$29,365.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Analysis of the Scattering from an Inlet Geometry with Lossy Walls, Department of Electrical Engineering, ElectroScience Laboratory (P. H. Pathak), 11 October 1986 through 30 March 1987. (Project 763822 - Continuation)

\$28,503.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, The Neural Control of Temperature Regulations, Department of Physiology (J. A. Boulant), 1 September 1986 through 30 November 1987. (Project 761187 - Continuation)

\$24,500.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, CA, Discrete Control Modelling of Computer-Aided Control of Strongly Interactive Systems, Department of Industrial and Systems Engineering (R. A. Miller) and Department of Psychology (R. J. Jagacinski), 1 October 1986 through 30 November 1986. (Project 763264 - Continuation)

\$21,123.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Resolution of Mucosal Change in Chronic Candidiasis, Diagnostic Services (C. M. Allen and F. M. Beck), 1 September 1986 through 31 August 1987. (Project 765738 - New)

\$20,000.00 - Department of Health and Human Services, Office of Human Development Services, Administration on Developmental Disabilities, Kansas City, MO, UAF Administration and Operation, Nisonger Center (V. L. Reynolds), 1 July 1986 through 30 June 1987. (Project 763712 - Continuation)

\$17,992.00 - National Aeronautics and Space Administration, Washington, DC, Rapid Prototyping with Centaurs, Department of Industrial and Systems Engineering (P. J. Smith), 1 October 1986 through 30 September 1987. (Project 765706 - New)

\$14,453.00 - National Science Foundation, Washington, DC, Algebraic Algorithms and Systems, Department of Computer and Information Science (G. E. Collins), 1 October 1986 through 31 January 1988. (Project 765735 - New)

\$9,005.00 - Department of Education, Office of Special Education, Washington, DC, Regional Resource Center - Task 7, Department of Human Services Education (T. Stephens), 1 June 1986 through 31 May 1987. (Project 763600 - Continuation)

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$8,000.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, DC, International Symposium on Molecular Spectroscopy, Department of Physics (K. N. Rao), 1 January 1987 through 31 December 1987. (Project 765192 - Continuation)

\$6,835.00 - Department of Agriculture, Science and Education, Washington, DC, Workshop on Interactions between Soil-Inhabiting Invertebrates in Relation to Plant Growth, Department of Entomology (C. A. Edwards and B. R. Stinner), 21 July 1986 through 31 July 1987. (Project 765756 - New)

\$6,748.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, A 60 KD Oncofetal Protein Associated with Carcinogenesis, Department of Physiological Chemistry (T. E. Webb), 1 August 1986 through 31 July 1987. (Project 765588 - New)

\$5,000.00 - Department of Education, Center for International Education, Washington, DC, Fulbright-Hays Group Projects Abroad - USSR, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 August 1986 through 31 July 1987. (Project 765435 - Continuation)

\$3,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Electron Energy Loss Spectroscopy/Transmission Energy Loss Microscopy Studies on Silicon Nitride, Department of Ceramic Engineering (W. E. Lee), 13 August 1986 through 31 December 1986. (Project 765711 - New)

\$2,384.00 - Department of Education, Office of Special Education Rehabilitation Services, Washington, DC, Rehabilitation Long-Term Traineeships, Department of Communication (L. G. Wall), 1 September 1986 through 31 August 1987. (Project 764355 - Continuation)

\$1,417.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Nickel Promoted Alpha-Alkylation of Carbonyl Compounds, Department of Chemistry (L. A. Paquette and L. D. Burke), 1 September 1986 through 30 September 1986. (Project 764938 - Continuation)

Computer Time - National Science Foundation, Washington, DC, Hydrothermomechanical Response of Geological Media, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 1 October 1986 through 1 October 1987. (Project 763915 - Continuation) (Approximate Dollar Value - \$14,000)

TOTAL - FEDERAL AWARDS

\$8,238,272.00

State of Ohio Research Contracts/Grants

\$8,438.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Mershon Auditorium 1986-87 Performance Season, Mershon Auditorium (T. M. VanLeer), 1 October 1986 through 1 May 1987. (Project 765739 - New)

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$3,563.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Celebration of Hispanic Awareness Week, Office of Student Life (C. Alvarez-Breckenridge), 1 July 1986 through 30 June 1987. (Project 765716 - New)

\$3,165.00 - State of Ohio, Ohio Historical Society, Columbus, OH, Merrell-Dow Archival Processing Project, College of Pharmacy (R. A. Buerki), 1 August 1986 through 31 December 1986. (Project 765727 - New)

TOTAL - STATE OF OHIO AWARDS \$ 15,166.00

Industrial Research Contracts/Grants

\$297,430.71 - Various Pharmaceutical Labs, Research in Clinical Pharmacology, Department of Pharmacology (N. Gerber), 1 July 1986 through 31 December 1987. (Project 765696 - New)

\$164,434.00 - Pfizer, Inc., Groton, CT, Phase I Double-Blind, Placebo-Controlled Multiple Dose Study to Establish Safety and Pharmacokinetics of CP-73, Department of Pharmacology (N. Gerber), 1 October 1986 through 30 September 1987. (Project 765696 - New)

\$118,028.00 - Sanodoz, East Hanover, NJ, The Efficacy of a Potent Somatostatin Analog (SMS 201-995) in the Management of Type I (Insulin-Dependent) Diabetic Patients, Department of Internal Medicine (K. Osei), 1 June 1986 through 30 November 1987. (Project 765742 - New)

\$74,524.00 - Ross Laboratories, Columbus, OH, Extension of Studies of Rotavirus Diarrhea in Gnotobiotics, Department of Food Animal Health Research - OARDC (L. J. Saif), 1 July 1986 through 31 July 1987. (Project 764255 - Continuation)

\$49,224.00 - E. R. Squibb and Sons, Princeton, NJ, Placebo Controlled Trial of Fosenopril Sodium Added to Chlorthalidone 25 Mg Daily for the Treatment of Mild to Moderate Essential Hypertension, Department of Family Medicine (R. M. Guthrie) and Department of Pharmacology (N. Gerber), 1 September 1986 through 31 August 1987. (Project 765696 - Continuation)

\$40,000.00 - Adria Laboratories, Inc., Columbus, OH, Synthesis of Noval Anthracycline Glycosides, Department of Chemistry (D. Horton), 1 September 1986 through 31 August 1987. (Project 762866 - Continuation)

\$40,000.00 - Adria Laboratories, Inc., Columbus, OH, Synthetic Studies of Anthracycline Synthesis, Department of Chemistry (J. S. Swenton), 1 October 1986 through 30 September 1987. (Project 764025 - Continuation)

\$40,000.00 - Science Applications International Corp., San Diego, CA, Support of Performance Assessment of Engineered Systems, Department of Mechanical Engineering (K. Vafai), 1 October 1986 through 31 December 1986. (Project 765550 - Continuation)

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$35,900.00 - Merrell Dow Pharmaceuticals, Inc., Cincinnati, OH, Long-Term MDL 17,043 Treatment of Congestive Heart Failure Patients Following Their Participation in Controlled Studies, Department of Internal Medicine (C. L. Leier), 1 March 1986 through 28 February 1987. (Project 765744 - New)

\$30,000.00 - United Technologies Corporation Research Center, East Hartford, CT, Engineering Kinetics of Coal Devolatilization, Department of Mechanical Engineering (R. H. Essenhigh), 1 November 1984 through 30 September 1987. (Project 764480 - Continuation)

\$24,535.00 - Eli Lilly & Company, Indianapolis, IN, Vancocin-Chromatographically Purified in Serious Infections, Department of Internal Medicine (R. L. Perkins), 1 May 1986 through 31 October 1986. (Project 763852 - Continuation)

\$14,000.00 - Madison County Hospital, London, OH, Madison County Hospital Internship Project, Department of Educational Theory and Practice (J. J. Quaranta), 1 September 1986 through 30 June 1987. (Project 765743 - Continuation)

\$9,331.00 - Bristol-Myers Company, Evansville, IN, Screening of Experimental Ocular Formulations for Treatment of Moraxella bovis Infected Eyes of Cattle, Department of Veterinary Clinical Sciences (J. J. Kowalski and J. Hurley) and College of Veterinary Medicine - Administration (M. Wyman), 1 October 1986 through 30 September 1987. (Project 765751 - New)

\$8,000.00 - Syva Company, Palo Alto, CA, Clinical Study 86-011-000 Acculevel Carbamazepine Blood/Plasma Ratio, Department of Neurology (M. E. Drake, Jr.), 1 November 1986 through 15 March 1987. (Project 765764 - New)

\$4,698.00 - CeramPhysics, Inc., Westerville, OH, Theoretical Model of a Cryovaristor in High Power Switching Applications, Department of Physics (B. R. Patton), 15 July 1986 through 30 September 1986. (Project 765729 - New)

\$3,000.00 - Madison County Hospital, London, OH, Madison County Internship Project, Department of Educational Theory and Practice (J. J. Quaranta), 1 September 1985 through 30 June 1987. (Project 765181 - Continuation)

\$720.00 - American Electric Power Service Corporation, Columbus, OH, Contract Consulting Agreement for Mussel Mitigation, Department of Zoology (D. H. Stansbery), 1 October 1986 through 30 September 1987. (Project 765732 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 953,824.71

Other Non-Federal Research Contracts/Grants

\$339,778.00 - W. K. Kellogg Foundation, Battle Creek, MI, Commission on Interprofessional Education and Practice, Department of Educational

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Policy and Leadership (L. L. Cunningham), 1 October 1985 through 30 September 1986. (Project 762825 - Continuation)

\$104,247.00 - University of Texas, Dallas, TX, Yeast Mitochondrial DNA Recombination, Department of Genetics (P. S. Perlman), 1 September 1986 through 31 August 1987. (Project 765272 - Continuation)

\$83,985.00 - Children's Hospital Research Foundation, Columbus, OH, Intestinal Transplantation in Inbred Rats, Department of Internal Medicine (P. J. Tutschka), 1 August 1986 through 31 July 1987. (Project 764924 - Continuation)

\$79,607.00 - W. K. Kellogg Foundation, Battle Creek, MI, Computerized Advisory Service for Horticulture (CASH), Department of Entomology - OARDC (F. R. Hall) and Cooperative Extension State Operations (H. R. Willson), 1 August 1986 through 31 July 1987. (Project 764817 - Continuation)

\$50,597.00 - Hannah Neil Center for Children, Columbus, OH, Implementing Behavioral Treatment Activities: A Joint Human Services/Physical Education Internship, School of Health, Physical Education and Recreation (C. L. Mand) and Department of Human Services Education (J. O. Cooper), 1 September 1986 through 31 August 1987. (Project 765740 - Continuation)

\$49,000.00 - United Cerebral Palsy Research Educational Foundation, New York, NY, Effects of GM₁ Ganglioside on Neonatal Hypoxic-Ischemic Brain Damage, Department of Pathology (A. J. Yates), 1 October 1986 through 30 September 1987. (Project 765749 - New)

\$41,456.00 - University of Illinois, Chicago, IL, Technical Assistance for the University of North Sumatra Development Project, Newark Campus (J. S. Greenstein) and Newark Campus and Department of Political Science (H. M. Federspiel), 1 December 1984 through 31 December 1986. (Project 764590 - Continuation)

\$31,850.00 - CompDrug, Columbus, OH, Graduate Student Internship, Department of Human Services Education (D. J. Tosi and P. S. Wise), 1 October 1986 through 30 September 1987. (Project 765734 - New)

\$30,000.00 - Matsushita Foundation, Inc., Secaucus, NJ, Literacy Development through Home and School Computing, Mansfield Campus and Department of Educational Theory and Practice (L. G. Johnson), 15 September 1986 through 14 September 1987. (Project 765720 - New)

\$28,350.00 - Upper Arlington City Schools, Columbus, OH, Upper Arlington Career Education Intern Project, Department of Educational Theory and Practice (J. J. Quaranta), 1 September 1986 through 7 June 1987. (Project 765754 - Continuation)

\$26,549.00 - Columbus Metropolitan Area Community Action Organization, Columbus, OH, Subcontract Assistance to CMACAO Inc. for Development of Youth Competencies Program, The National Center for Research in Vocational Education (C. K. Hansen), 22 September 1986 through 31 October 1987. (Project 765741 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$25,298.00 - University of Southern California, Los Angeles, CA, The Analysis of Interdependent Decision-Making, Department of Political Science (D. S. Mefford), 1 August 1986 through 31 July 1987. (Project 765704 - New)

\$25,000.00 - Virginia Environmental Endowment, Richmond, VA, School on Water--The Ohio River as an Environmental Classroom, Department of Natural Resources - OARDC and School of Natural Resources (W. J. Mitsch and G. W. Mullins), 1 October 1986 through 30 September 1987. (Project 765730 - New)

\$24,456.00 - Morris Animal Foundation, Englewood, CO, Development and Comparison of in Vitro and in Vivo Techniques to Study Structure, Kinetics, and Control of the Normal and Seborrhic Canine Epidermis, Department of Veterinary Clinical Sciences (K. W. Kwochka), 1 October 1986 through 31 March 1988. (Project 765755 - New)

\$19,850.00 - Morris Animal Foundation, Englewood, CO, Pathogenesis and Treatment of the Humoral Hypercalcemia, Department of Veterinary Pathobiology (C. C. Capen), 1 September 1985 through 31 August 1987. (Project 765091 - Continuation)

\$17,335.00 - Electric Power Research Institute, Palo Alto, CA, Simultaneous Chromizing-Aluminizing of Steels, Department of Metallurgical Engineering (R. A. Rapp), 1 September 1986 through 31 December 1986. (Project 763292 - Continuation)

\$15,000.00 - March of Dimes Birth Defects Foundation, White Plains, NY, A Mammalian Estrogenicity Testing System for Polyhalogenated Hydrocarbons, Department of Dairy Science - OARDC and Department of Dairy Science (C. P. Hodgson) and Department of Dairy Science - OARDC (L. B. Willett), 1 December 1986 through 30 November 1987. (Project 765117 - Continuation)

\$12,000.00 - Del Mar College, Corpus Christi, TX; Manchester Community College, Manchester, CT; Hocking Technical College, Nelsonville, OH; Jefferson Technical College, Steubenville, OH; Guilford Technical Community College, Jamestown, NC; and Greenville Technical College, Greenville, SC, National Postsecondary Alliance, The National Center for Research in Vocational Education (C. K. Hansen), 1 July 1986 through 30 June 1987. (Project 765434 - Continuation)

\$11,877.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, TX, SWOG Study 8412, Department of Pathology (R. O'Toole), 25 November 1986 through 24 November 1987. (Project 765202 - Continuation)

\$10,000.00 - California Institute of Technology, Pasadena, CA, Application of Nonlinear Least Squares Methods to the Analysis of Laboratory Spectra and Solar Spectra, Department of Physics (J. H. Shaw), 1 August 1986 through 31 December 1986. (Project 764155 - Continuation)

\$10,000.00 - Central Arizona College, Coolidge, AZ; Boise State University, Boise, ID; Florida Community College at Jacksonville, Jacksonville, FL; City Colleges of Chicago, Chicago, IL; and Tarrant County Junior College, Fort Worth, TX, National Postsecondary Alliance,

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

The National Center for Research in Vocational Education (C. K. Hansen), 1 July 1986 through 30 June 1987. (Project 765434 - Continuation)

\$10,000.00 - Future Farmers of America, Alexandria, VA, Perceptions of the Future Farmers of America as Held by Significant Others, Department of Agricultural Education - OARDC and Department of Agricultural Education (L. E. Miller), 1 October 1986 through 30 June 1987. (Project 765747 - New)

\$7,560.00 - Children's Hospital Research Foundation, Columbus, OH, Binocular Vision and Strabismus in Infants and Children, College of Pharmacy (J. M. Jagadeesh), 30 September 1986 through 29 September 1987. (Project 765102 - Continuation)

\$6,000.00 - Maryland State Department of Education, Baltimore, MD, and Georgia Department of Corrections, Atlanta, GA, National Corrections Education Consortium, The National Center for Research in Vocational Education (C. K. Hansen), 1 January 1986 through 31 December 1986. (Project 765109 - Continuation)

\$5,441.00 - North Central Regional Center for Rural Development, Ames, IA, Assessing the Effectiveness of the Business Retention and Expansion Process, Department of Agricultural Economics and Rural Sociology and Cooperative Extension State Operations (G. W. Morse), 1 July 1986 through 30 June 1987. (Project 765708 - New)

\$2,000.00 - State of Ohio, Division of Vocational Education, Columbus, OH, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (C. K. Hansen), 1 July 1986 through 30 June 1987. (Project 765533 - Continuation)

\$2,000.00 - The University of Texas System Cancer Center, Houston, TX, Synthesis of Demethoxydaunomycinone, Department of Chemistry (J. S. Swenton), 1 September 1986 through 28 February 1987. (Project 765726 - New)

\$350.00 - Northern Arizona University, Flagstaff, AZ, National Career Guidance Consortium, The National Center for Research in Vocational Education (C. K. Hansen), 1 July 1986 through 30 June 1987. (Project 765651 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$1,069,586.00

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$73,863.00 - The Ohio Department of Transportation, Columbus, OH, "Refinement of Analytical Photogrammetric Techniques for Application to Transportation Surveys," Department of Geodetic Science, 1 October 1985 through 1 October 1987. (529688, Ext. 1)

\$47,054.00 - The Ohio Department of Transportation, Columbus, OH, "Improved Analytical Photogrammetric Techniques for Application to

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

State Sponsored Research and Development (contd)

Photolog Imager," Department of Geodetic Science, 1 October 1985 through 1 October 1987. (529687, Ext. 2)

\$35,000.00 - The Ohio Department of Transportation, Columbus, OH, "Use of Cement for Upgrading Low Quality Aggregate for Bituminous Mixes: A Feasibility Study," Department of Civil Engineering, 1 October 1986 through 30 June 1987. (529717)

TOTAL - STATE SPONSORED RESEARCH \$ 155,917.00

Industrial and Other Sponsored Research and Development

\$30,000.00 - General Motors Corporation, Warren, MI, "Polymer Engineering Research Program," Department of Chemical Engineering, 1 September 1986 through 31 August 1987. (529638, Ext. 4)

\$20,000.00 - Boeing Aerospace, Seattle, WA, "Compact Radar Cross Section Measurement Ranges Research and Development Consortium," Department of Electrical Engineering, 1 July 1986 through 30 June 1987. (312884, Ext. 2)

\$17,209.00 - from 13 sponsors of 16 development projects under the direction of two research areas.

\$17,128.00 - General Electric, Cincinnati, OH, "The Fiber Matrix Interface in Oxide Fiber-Reinforced Ceramics," Department of Ceramic Engineering, 6 March 1986 through 31 December 1986. (529702, Ext. 1)

\$2,500.00 - Thyssen Specialty Steels, Franklin Park, IL, "Root Bead Discontinuities in Field Welds," Department of Welding Engineering, 24 February 1986 through 30 September 1986. (312866, Ext. 1)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 86,837.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Biotechnology Professorship
in Plant Tissue Culture and Cellular Genetics Fund

The Biotechnology Professorship in Plant Tissue Culture and Cellular Genetics Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from an anonymous donor.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

When the principal of this fund reaches \$300,000, the annual income shall be used to provide salary and program support for the work of an outstanding researcher and teacher in the field of tissue culture and

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**The Biotechnology Professorship
in Plant Tissue Culture and Cellular Genetics Fund (contd)**

cellular genetics who will hold a joint appointment in the departments of microbiology and plant pathology. The person named to this position must have experience in the interfacing of plant tissue culture and cellular genetics laboratory research with the applied plant sciences on the development of value added plant varieties for industry. Appointment to this position will be recommended by the Dean of the College of Biological Sciences to the Provost and President and approved by the Board of Trustees.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Department of Microbiology.

The Harry C. Moores Scholarship Fund

The Harry C. Moores Scholarship Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from The Harry C. Moores Foundation.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund Harry C. Moores Scholarships in the field of education. Scholarship assistance will cover the cost of tuition and books for academically gifted students in a teacher certification program. Selection shall be made by the College of Education Scholarship Committee in consultation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Education.

The James W. Overstreet/Columbus Foundation Scholarship Fund

The James W. Overstreet/Columbus Foundation Scholarship Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with a gift from the Columbus Foundation.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The James W. Overstreet/Columbus Foundation Scholarship Fund (contd)

The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide undergraduate scholarships for Central Ohio students who demonstrate financial need and academic promise. Selection of the award recipients shall be made by the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used as directed by the Board of Trustees, with preference being given to the Office of Financial Aid.

The College of Education Fund for Excellence

The College of Education Fund for Excellence was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Jack Culbertson, Columbus, Ohio, and other alumni and friends. This fund was established to provide support for the College of Education and to honor those contributors of \$5,000 or more.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support programs of the College of Education upon the recommendation of the Dean of the College. Should an individual's contributions to the Fund for Excellence reach the minimum level for establishing a separate endowment, a separate endowment may be established.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the study of education.

Marlowe and Oscar F. Axene Merit Scholarship in Agriculture

The Marlowe and Oscar F. Axene Merit Scholarship in Agriculture was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mrs. John B. Gerlach, in honor of her parents.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Marlowe and Oscar F. Axene Merit Scholarship in Agriculture (contd)

The annual income shall be used to provide a scholarship including tuition, fees, books and supplies for an outstanding freshman student enrolling in the College of Agriculture. Criteria for selection shall include outstanding scholastic achievement and demonstrated leadership potential through extracurricular activities. Preference will be given to those students with financial need. Preference will also be given to those students with an interest in horticulture. Selections will be made by the Assistant Dean for the College of Agriculture in consultation with the University Committee on Student Financial Aid. This scholarship shall be renewable for up to four years providing the student remains in the upper twenty-five percent of his or her class and is making satisfactory progress toward a degree in agriculture. Any income not utilized for the scholarship shall be reinvested in the principal of the endowment.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for agricultural instruction.

The D. J. and J. N. Knull Fund in Entomology

The D. J. and J. N. Knull Fund in Entomology was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Josef N. Knull, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for systematic entomological research and curatorial work in entomology. All expenditures are to be authorized by the Chairperson of the Department of Entomology in consultation with the Curator of the Collections and with the approval of the Dean of the College of Biological Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for programs in entomology.

Seneca County 4-H Endowment Fund

The Seneca County 4-H Endowment Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Seneca County 4-H Endowment Fund (contd)

State University Development Fund from the Seneca County 4-H Committee and other friends of the Seneca County 4-H Program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Seneca County 4-H Program. This support may include, but is not limited to the funding of scholarships and awards for 4-H members, volunteer leaders and friends of 4-H; sponsoring seminars and programs; and purchasing material or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Seneca County. All expenditures from this fund shall be approved by the Seneca County 4-H Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, the income may then be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Ohio Cooperative Extension Service in consultation with a committee representing the local 4-H donors.

Edward L. Fox Memorial Fund

The Edward L. Fox Memorial Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of Edward L. Fox, B.S.Ed. '60, M.A., Physical Education '61, Ph.D., Physiology '65, who was a Professor in the School of Health, Physical Education and Recreation.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide research support to postdoctoral fellows in human exercise physiology in the Division of Physical Education in the School of Health, Physical Education and Recreation. The recipients will be expected to pursue research in the field of human exercise physiology. No funds are to be used for research that involves animals. The primary purpose of this fund is to provide a Ph.D. graduate an opportunity for a short term experience with Ohio State faculty in human exercise physiology research. For this reason, recipients should be recent Ph.D. graduates from another institution or any individual, excluding Ohio State faculty, with work experience succeeding the doctorate. Selection of the recipients will be made by the Dean of the College of Education upon the recommendation of a committee of faculty in exercise physiology and in consultation with the Directors of the School of Health, Physical Education and Recreation and

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Edward L. Fox Memorial Fund (contd)

the Division of Cardiology in the Department of Medicine and Ann Roberts Fox Day, widow of Edward L. Fox.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for physical education.

Class of 1936 Scholarship Fund

The Class of 1936 Scholarship Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Class of 1936.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide a scholarship to be awarded to a student who displays academic achievement and financial need. Award recipients will be chosen by the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

The Walter C. Rothenbuhler Travel Scholarship Fund

The Walter C. Rothenbuhler Travel Scholarship Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, faculty, family and friends of the Department of Entomology and the College of Biological Sciences. These gifts were presented to the University on the occasion of Dr. Rothenbuhler's retirement and assumption of emeritus rank.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be awarded to one or more students engaged in research on the honey bee, regardless of department affiliation, for the purpose of defraying part or all of the cost of attending a scientific meeting. Recipients are to be selected by the Chairperson of the

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Walter C. Rothenbuhler Travel Scholarship Fund (contd)

Department of Entomology and those faculty members who teach apiculture and/or honey bee biology. In any year recipients are not selected, the income may be accumulated to spend in a subsequent year or be added to the endowment as the Department recommends.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for scientific entomology.

The Joe Crosswhite Fund in Mathematics Education

The Joe Crosswhite Fund in Mathematics Education was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends, colleagues and former students in honor of Joe Crosswhite, Professor Emeritus in the Department of Educational Theory and Practice (mathematics education).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to make a competitive award for outstanding performance in the initial certification program for secondary school mathematics teachers. Selection shall be made by a committee of faculty appointed by the Coordinator for Mathematics and Science Education. Criteria for the award shall include outstanding performance in student teaching and in post-calculus mathematics courses.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for mathematics education.

The Roy B. McCauley Welding Engineering Alumni Endowment Fund

The Roy B. McCauley Welding Engineering Alumni Endowment Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, friends and colleagues of Roy B. McCauley, Professor Emeritus in the Department of Welding Engineering.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Roy B. McCauley Welding Engineering Alumni Endowment Fund (contd)

The annual income shall be used for those purposes which will aid the research, teaching and service programs/facilities within the Department of Welding Engineering in the College of Engineering. The Chairperson of the Department of Welding Engineering will have sole authority to authorize expenditures from the fund, as approved by the Dean of the College of Engineering.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for welding engineering education.

The Roy A. Larmee Memorial Fund

The Roy A. Larmee Memorial Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family and friends in memory of Roy A. Larmee, former Professor of Educational Administration.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the work of faculty and/or graduate students in educational administration. Preference is to be given to work which furthers Dr. Larmee's special areas of interest. These areas include: placement, staff personnel administration, staff development, work with professional associations and field relationships. Use of the funds will be determined annually by the Professors in the Educational Administration Program area.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the study of educational administration.

Emmett H. Karrer Award Fund

The Emmett H. Karrer Award Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from The Ohio Contractors' Association in honor of Emmett H. Karrer, B.C.E. '30, C.E. '35, Professor Emeritus in the Department of Civil Engineering.

All gifts are to be invested in the University's Permanent Endowment

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Emmett H. Karrer Award Fund (contd)

Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

When, as a result of additional gifts and growth of the fund's principal, this fund exceeds \$10,000 the income will then be used to provide an annual scholarship to an outstanding civil engineering undergraduate or graduate student in construction engineering. Selection is to be made by the Chairperson of the Department of Civil Engineering upon the recommendation of the construction engineering faculty, in cooperation with the University Committee on Student Financial Aid. Financial need may be considered in the final selection.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for civil engineering education.

Sara Ann Leach Adams Loan Fund

The Sara Ann Leach Adams Loan Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends of Sara Ann Adams, D.D.S. '77, in her memory.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to help second, third or fourth year students in orthodontics. The income will be loaned to the students at an interest rate being used for other University loan funds. The loan should be paid back as soon as possible, but in no event should the loan be outstanding five years after graduation. Should the income account exceed the loans, the excess should be added to the principal.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Dentistry.

The Excellence in Biochemistry Fund

The Excellence in Biochemistry Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Excellence in Biochemistry Fund (contd)

State University Development Fund from alumni, faculty and friends of the Department of Biochemistry and the College of Biological Sciences.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for support of excellence in teaching and research in the Department of Biochemistry in the College of Biological Sciences. The Chairperson of the Department of Biochemistry will have sole authority to authorize expenditures from the fund, as approved by the Dean of the College of Biological Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Department of Biochemistry.

Carl O. Boucher Memorial Fund

The Carl O. Boucher Memorial Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from former students, alumni and friends to honor Dr. Boucher for his academic excellence, literary efforts, and visionary leadership in the speciality of prosthodontics.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to enrich and enhance the quality of clinical and research endeavors in the removable prosthodontic section of the College of Dentistry. The use of this income will be under the direct supervision of the Director of the Graduate Prosthodontic Program.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Dentistry.

Thomas A. and John E. Hamrick Pickaway County Scholarship Fund

The Thomas A. and John E. Hamrick Pickaway County Scholarship Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Thomas A. and John E. Hamrick Pickaway County Scholarship Fund (contd)

George H. Hamrick, Chairman of the Pickaway County Cooperative Extension Service from 1957 to 1984, and his wife, Dorothy, in honor of their sons.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this fund shall be used to provide one or more scholarships to students from Pickaway County who are interested in majoring in the College of Agriculture or the College of Home Economics. Criteria for selection shall include outstanding scholastic achievement and demonstrated leadership potential through extracurricular activities. Preference will be given to those students with financial need. Preference will also be given to those students in their sophomore year of study. Selections will be made by the University Committee on Student Financial Aid in consultation with the Deans of the College of Agriculture and the College of Home Economics.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Colleges of Agriculture and Home Economics.

The Thomas Huxley Langlois Research Fellowship

The Thomas Huxley Langlois Research Fellowship was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family of Thomas Huxley Langlois and from alumni, faculty and friends of the Franz T. Stone Laboratory and the College of Biological Sciences.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for support of one or more research fellowships for scholarly work at the F. T. Stone Laboratory in the College of Biological Sciences. The Director of the Laboratory, in consultation with a research committee composed of members of his faculty, will have sole authority to authorize expenditures from the fund, as approved by the Dean of the College of Biological Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Thomas Huxley Langlois Research Fellowship (contd)

University who is then directly responsible for the F. T. Stone Laboratory.

The Samuel A. and Iona L. Patterson Endowed Fund in Agriculture

The Samuel A. and Iona L. Patterson Endowed Fund in Agriculture was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from James F. and Nancy Patterson and family, Patterson Fruit Farm, and other family and friends in honor of Mr. and Mrs. Patterson's contributions to Ohio's agriculture.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund innovative projects in the College of Agriculture as determined by the Dean of the College. The emphasis will be placed on providing seed money for new programs and creative projects that will significantly enhance the teaching, research or extension work of the College.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Agriculture.

The Irving R. Silver Memorial Fund

The Irving R. Silver Memorial Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family and friends in honor of the memory of Irving R. Silver of Chicago, Illinois.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for those purposes which will aid the research, teaching and service programs/facilities within the Department of Welding Engineering in the College of Engineering. The Chairperson of the Department of Welding Engineering will have sole authority to authorize expenditures from the fund, as approved by the Dean of the College of Engineering.

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Irving R. Silver Memorial Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for welding engineering education.

The Robert B. Sutton Lecture in History of Education

The Robert B. Sutton Lecture in History of Education was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family and students in honor of Robert B. Sutton, Professor Emeritus in the Department of Educational Policy and Leadership.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Sutton Lecture in History of Education. The Chairperson of the Department of Educational Policy and Leadership shall have sole authority to authorize expenditures from the fund, as approved by the Dean of the College of Education.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the study of the history of education.

The Excellence in Zoology Fund

The Excellence in Zoology Fund was established December 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, faculty and friends of the Department of Zoology and the College of Biological Sciences.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for support of excellence in teaching and research in the Department of Zoology in the College of Biological Sciences. The Chairperson of the Department of Zoology will have sole authority to authorize expenditures from the fund, as approved by the Dean of the College of Biological Sciences.

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Excellence in Zoology Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Department of Zoology.

Change in Description of Named Funds

The Richard Delaney Athletic Scholarship Fund

The Richard Delaney Athletic Scholarship Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends in honor and memory of Richard Delaney (OSU Associate Athletic Director, 1970-1985). The description was changed December 5, 1986.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship assistance to undergraduate students in good standing who are participating in a varsity sports program. Selection of the recipient(s) is to be made by the Director of Athletics in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the athletic program at The Ohio State University.

Marian K. Thomas Horticulture Fund

The Marian K. Thomas Horticulture Fund was established September 5, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mrs. Marian K. Thomas of Columbus, Ohio. The description was changed December 5, 1986.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships to one or more undergraduate students in the area of landscape horticulture. Selections shall be made by the faculty of the Horticulture Department in consultation with the Assistant Dean for Student Affairs in the College

December 4 and 5, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

Marian K. Thomas Horticulture Fund (contd)

of Agriculture and University Committee on Student Financial Aid. Insofar as practical, the donor shall be involved in the selection of the recipient. Criteria for the scholarship shall emphasize financial need, academic achievement and the student's personal motivation.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for horticultural instruction.

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**REQUEST FOR CONSTRUCTION BIDS AND
ESTIMATE OF COST - FUNDING
VETERINARY HOSPITAL - CHILLER REPLACEMENT**

Resolution No. 87-62

Synopsis: Authorization to request construction bids is proposed.

WHEREAS the plans and specifications for this project have been completed and, at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees authorize the request for construction bids:

Project: Replacement of the inoperative absorption chiller located in Veterinary Hospital with a new centrifugal chiller to provide a reliable source of cooling, with an estimated payback in 1.5 years.

Funding: University Utility Funds

Estimated Construction Cost: \$160,800.00

Estimated Project Cost: \$206,500.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in accordance with established University procedures, to request construction bids on this project, and if satisfactory bids are received, to award the necessary contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Barone, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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December 4 and 5, 1986 meeting, Board of Trustees

**ACCEPTANCE OF THE GIFT OF REAL PROPERTY
94.5 ACRES ON HARRISBURG PIKE
COLUMBUS, OHIO**

Resolution No. 87-63

Synopsis: Acceptance of the gift of approximately 94.5 acres of real property on Harrisburg Pike in Columbus, Ohio, is proposed.

WHEREAS Leonard J. Immke, Jr., is the owner of approximately 94.5 acres of real property located on the east side of Harrisburg Pike at the intersection of Briggs Road in Columbus, Ohio, and wishes to make a gift of this property to The Ohio State University through The Ohio State University Development Fund; and

WHEREAS under the terms of this gift, the property will be sold and the net proceeds will be added to the Leonard J. Immke, Jr., and Charlotte L. Immke Chair in Cancer Research Fund to support the work of a distinguished researcher in the area of cancer research in the University's Cancer Research Institute; and

WHEREAS it has been determined by the appropriate University officers that acceptance of this gift is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That this property be accepted as a gift to the University through the Development Fund from Leonard J. Immke, Jr., and that the President and/or the Vice President for Business and Administration be authorized to acquire title to this property in the name of the Board of Trustees of The Ohio State University.

Upon motion of Mr. Berry, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution with seven affirmative votes cast by Messrs. Galbreath, Redman, Berry, Teaford, Barone, and Mrs. Bowser and Ms. Casto, and an abstention by Mr. Immke.

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**ACCEPTANCE OF THE GIFT OF REAL PROPERTY
1,494.6 ACRES
HOUGHTON COUNTY (UPPER PENINSULA), MICHIGAN**

Resolution No. 87-64

Synopsis: Acceptance of a gift of approximately 1,494.6 acres of real property in Houghton County (Upper Peninsula), Michigan, is proposed.

WHEREAS John F. Havens of Columbus, Ohio, is the owner of approximately 1,494.6 acres of real property in Houghton County (Upper Peninsula), Michigan, and wishes to make a gift of this property to The Ohio State University through The Ohio State University Development Fund; and

WHEREAS under the terms of this gift, the property is to be sold and the net proceeds will be used to support the programs of the College of Agriculture; and

December 4 and 5, 1986 meeting, Board of Trustees

**ACCEPTANCE OF THE GIFT OF REAL PROPERTY
1,494.6 ACRES
HOUGHTON COUNTY (UPPER PENINSULA), MICHIGAN (contd)**

WHEREAS the appropriate University officers have determined that the acceptance of this gift is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That this property be accepted as a gift to the University through the Development Fund from John F. Havens and that the President and/or the Vice President for Business and Administration be authorized to acquire title to this property in the name of the Board of Trustees of The Ohio State University.

Upon motion of Mr. Barone, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PURCHASE OF REAL PROPERTY
121 WEST 11TH AVENUE
COLUMBUS, OHIO**

Resolution No. 87-65

Synopsis: Purchase of real property at 121 West 11th Avenue in Columbus, Ohio, is proposed.

WHEREAS The Ohio State University has been presented with an opportunity to purchase the property located at 121 West 11th Avenue in Columbus, Ohio; and

WHEREAS this property has an appraised value of from \$89,000.00 to \$94,500.00 and the owners, Mr. and Mrs. George E. Bubalo of Westerville, Ohio, have offered to sell the property to the University at a price of \$93,000.00; and

WHEREAS this property is located within the south campus acquisition boundary of the University's Master Plan and the appropriate University officers have determined that the purchase of this property is in the best interest of the University; and

WHEREAS funds for the purchase of this property will be provided from University funds resulting from the previous sale of south campus properties outside the acquisition boundary:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the real property located at 121 West 11th Avenue at a price not to exceed \$93,000.00, upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mr. Teaforde, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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December 4 and 5, 1986 meeting, Board of Trustees

**PURCHASE OF REAL PROPERTY
32 ACRES ON WEST DUBLIN-GRANVILLE ROAD (PRUSHING FARM)
COLUMBUS, OHIO**

Resolution No. 87-66

Synopsis: Purchase of approximately 32 acres of property, known as the Prushing Farm, located on West Dublin-Granville Road in Columbus, Ohio, is proposed.

WHEREAS The Ohio State University has been presented with an opportunity to purchase approximately 32 acres of real property, known as the Prushing Farm, located on the south side of West Dublin-Granville Road, east of Sawmill Road, in Columbus, Ohio, and owned by Adah S. Prushing, Donna L. Belt, Susan Carter, Miriam E. Sharp, Mary A. Lukens, and James A. Sharp; and

WHEREAS this property has an appraisal value of from \$2,080,000.00 to \$2,176,000.00, and the owners have offered to sell the property to the University at a price of \$2,080,000.00; and

WHEREAS funds to purchase this property will be provided from the University's Endowment Fund; and

WHEREAS the appropriate University officers have determined that the purchase of this property is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in the name of the Board of Trustees, to purchase this property at a price not to exceed \$2,080,000.00 upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mr. Barone, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY**

Resolution No. 87-67

Synopsis: Authorization to grant an easement to the Columbus and Southern Ohio Electric Company for installation of electric service is requested.

WHEREAS the Columbus and Southern Ohio Electric Company has requested a 15-year easement consisting of strips of land 10 feet in width and approximately 440 feet in length in a southerly and easterly direction and 720 feet in length in a northerly and easterly direction for the installation of underground electric service at 2660 Kenny Road to service the University Services Center; and

WHEREAS the electric service will serve only University property; and

December 4 and 5, 1986 meeting, Board of Trustees

**EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY (contd)**

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Berry, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PERS EARLY RETIREMENT INCENTIVE PROGRAM

Resolution No. 87-68

Synopsis: PERS Early Retirement Incentive Program is proposed.

WHEREAS the Ohio General Assembly enacted Amended Substitute House Bill 706 which enables State agencies and institutions of higher education to establish retirement incentive plans for individuals at their respective institutions who are members of the Public Employees Retirement System (PERS); and

WHEREAS The Ohio State University desires to adopt such a retirement incentive plan in order to provide more flexibility in its long term planning for its human resource needs; and

WHEREAS pursuant to Section 145.297 of the Ohio Revised Code the University desires to purchase service credit for eligible PERS members electing to retire under the proposed early retirement plan in an amount not to exceed the lesser of five (5) years or one-fifth of the individual's total service credited by PERS; and

WHEREAS the number of persons for whom the University wishes to purchase credit in any calendar year under this plan will be limited to five percent (5%) of the total number of the University's current PERS membership, and further that if the total number of persons applying for this program exceeds the five percent (5%) maximum, then approval for participation will be determined in accordance with Section 145.297 (C):

NOW THEREFORE

BE IT RESOLVED, That upon the Governor's signature of the referenced legislation and the promulgation of rules by the Public Employees Retirement System Board, the President and/or Vice President for Personnel Services will issue policy guidelines to implement a PERS early retirement program consistent with this resolution to be effective from the date of such issuance and continuing through October 31, 1988; and

BE IT FURTHER RESOLVED, That those individuals who retire under this plan will not be eligible for re-employment with the University.

December 4 and 5, 1986 meeting, Board of Trustees

PERS EARLY RETIREMENT INCENTIVE PROGRAM (contd)

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**NON-MANDATORY TRANSFER FROM CURRENT FUNDS
FISCAL YEAR 1985-86**

Resolution No. 87-69

Synopsis: Transfers to Loan Funds, Endowment Principal Funds, Unexpended Plant Funds, Renewals and Replacements Funds-Remodeling and Renovation, and Renewals and Replacement Funds-Repairs and Replacements is being recommended for approval.

WHEREAS non-mandatory transfers from current funds for the fiscal year 1985-86 have been made; and

WHEREAS this accounting procedure is in compliance with the Auditor of State that all transfers made among fund groups during the fiscal year be reported:

NOW THEREFORE

BE IT RESOLVED, That the transfers as detailed in the accompanying report be accepted and approved.

Upon motion of Mr. Redman, seconded by Mr. Teafor, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

December 4 and 5, 1986 meeting, Board of Trustees

The Ohio State University
Board of Trustees

Non-Mandatory Transfer From Current Funds
Fiscal Year 1985-86

<u>Account Description</u>	<u>Account Number</u>	<u>Transferred From Account Number</u>	<u>Amount</u>
To: <u>LOAN FUNDS</u>			
International Student Loan Fund	079000	015800	\$ 11,000.00
BARS Loan Fund	079000	010057	250,000.00
Total Transfers to Loan Funds			<u>\$ 261,000.00</u>
To: <u>ENDOWMENT PRINCIPAL FUNDS</u>			
The Ohio State University			
Endowment Clearing Account	070002	011563	10,000.00
" " "	"	033492	1,000.00
" " "	"	039999	841,341.67
Endowment Income Reserve	070004	020000	1,650,000.00
Michele Kindt Memorial Fund			
in Nursing	073682	033492	1,000.00
Math and Physical Science			
Excellence Endowment Fund	074526	033063	25,000.00
The Ohio State University Name			
and Seal Scholarship Fund	075427	015102	190,000.00
College of Pharmacy Advancement			
Fund	075725	034461	4,000.00
Plough Pharmacy Scholarship	075818	010055	(25,000.00)
		025725	(25,000.00)
Everett D. Reese Biomedical			
Research Fund	076003	038018	(60,412.50)
Helen H. Santmyer Fund	076274	011045	234,869.06
Adolph E. Waller Memorial Fund	077541	032360	2,500.00
Undistributed Gains	077799	020000	<u>100,041.21</u>
Total Transfers to Endowment			
Principal Funds			<u>\$2,949,339.44</u>

December 4 and 5, 1986 meeting, Board of Trustees

The Ohio State University
Board of Trustees

<u>Account Description</u>	<u>Account Number</u>	<u>Transferred From Account Number</u>	<u>Amount</u>
To: <u>PLANT FUNDS</u>			
• <u>Unexpended</u>			
University Activities Center	082005	032851	\$ (50,822.53)
Bulk Chemical Warehouse	082046	010058	(7,711.63)
Jesse Owens Plaza	082048	010000	(353.99)
University Arts Center	082055	010058	2,502,951.00
Twelfth Avenue Ramp	082066	016007	300,000.00
Stores & Receiving Building	082069	010058	240,000.00
Community Extension Center	082070	010058	40,000.00
Child Care Center	082071	010058	277,000.00
Cancer Research Institute	082072	010058	47,338.77
Law Building Addition Plans	082073	038023	45,000.00
Utilities Plan - Northwest	082074	010058	50,000.00
Lima Storage Building	082075	010928	6,570.00
"	"	057131	49,930.00
Total Unexpended Plant Funds			<u>\$3,499,901.62</u>
• <u>Renewal and Replacement Funds - Remodeling and Renovation</u>			
Dormitory Contingency Fund	085049	017200	\$5,500,000.00
Archer/Oxley Improvements	085050	017200	89,826.00
Public Safety Building Remodeling	085067	010058	56,700.00
Parking Lot Repairs	085071	016007	494,955.00
Orton Hall Steps	085117	010058	(28,210.60)
Housing Commission #3 Retrofit	085169	017300	416,177.09
Parking Ramp Repair	085175	016007	25,000.00
Stadium Scholarship Dormitory	085181	017200	2,773,750.00
Neil Hall Apartments	085190	017200	14,802.30
Parks Hall	085195	010058	(15,739.00)
Farm Science Review Relocation	085196	011083	50,000.00
Entranceways	085200	010058	10,113.58
WOSU Studios Air Conditioning	085234	010058	(9,700.00)
Stadium Scoreboard	085236	037676	243,000.00
Hitchcock Hall	085238	010058	(3,783.00)
Woody Hayes Bridge Repair	085240	010058	(25,986.11)
Evans Lab	085241	037157	(3,203.00)
Cockins Hall	085242	010058	(920.00)
Aero-Astro Research Lab	085246	010058	(2,380.00)
Lima Telephone System	085247	010928	375.00
Fontana Lab	085250	010051	(12,847.00)

December 4 and 5, 1986 meeting, Board of Trustees

The Ohio State University
Board of Trustees

<u>Account Description</u>	<u>Account Number</u>	<u>Transferred From Account Number</u>	<u>Amount</u>
Renewal and Replacement Funds -			
<u>Remodeling and Renovation (continued)</u>			
Center for Lake Erie Area			
Research	085251	017200	79,078.19
Browning Amphitheatre	085253	037804	2,000.00
Ohio Union Ramp Addition	085256	010058	15,589.31
Stone Lab Residence Hall	085258	017200	79,078.19
Lincoln Tower	085268	010058	70,000.00
Ohio Union Roof Repair	085270	016020	(40,000.00)
164 West 19th Avenue	085275	010058	6,000.00
Biggs Expansion	085278	037772	175,560.00
Graves Hall Lab	085280	010058	43,120.00
1100 Kinnear Road Renovation	085284	010058	1,200,000.00
Stadium Press Box	085288	016019	137,188.00
1224 Kinnear Road Renovation	085290	010058	1,920,000.00
Howlett Hall Renovation	085291	010058	83,438.00
Vivian Hall Renovation	085292	010058	32,370.00
Sponsored Programs - 1314 Kinnear	085293	010058	171,600.00
Office of Research & Graduate			
Studies	085294	013020	25,000.00
Campbell Hall Renovation	085295	010058	62,625.00
571 Health Science Library	085297	010058	61,101.00
Bradford Commons	085298	010058	298,026.00
University Hall	085299	010058	65,705.00
Lincoln Tower - 7th Floor	085301	010058	100,000.00
Derby Hall	085302	010058	86,900.00
Derby Hall - Phase II	085304	010058	93,100.00
Rathskeller Improvements	085305	010058	329,000.00
" "	"	033467	3,000.00
Entomology Renovation	085309	010058	49,938.00
Vet Science Facility - Movable			
Equipment	085311	010058	270,000.00
Derby Hall - Contracts	085313	010058	51,896.00
Conard Gallery - Mansfield	085314	037965	45,000.00
Wiseman Lab	085316	010058	20,000.00
McC Campbell - Research Labs	085317	010058	55,366.00
Bevis/Pressey - Energy Conservation	085318	010058	63,160.00
Animal Science Lab	085319	010058	172,500.00
Animal Science Teaching Lab	085320	010058	28,500.00
Vivian Hall Lab	085321	010058	195,300.00
Veterinary Medicine Lab	085322	010058	200,000.00
Cunz Hall	085323	010058	53,405.00
Postle Hall	085324	010058	20,000.00
" "	"	011496	24,503.00

December 4 and 5, 1986 meeting, Board of Trustees

The Ohio State University
Board of Trustees

<u>Account Description</u>	<u>Account Number</u>	<u>Transferred From Account Number</u>	<u>Amount</u>
• <u>Renewal and Replacement Funds - Remodeling and Renovation (continued)</u>			
Biological Sciences - Eminent Scholar	085325	010058	90,000.00
First Floor Library	085326	010058	40,000.00
" " "	"	011085	25,000.00
" " "	"	015103	20,000.00
Fawcett Center Guest Rooms	085327	016004	23,500.00
Scott/Bevis Renovation	085330	010058	21,355.00
Environmental Lab Relocation	085331	010058	40,000.00
Caad Lab/Brown Hall	085332	010414	38,000.00
Stadium Pressbox - Trustees	085337	010058	317,111.00
Dimming System - Thurber	085342	010058	135,335.00
446 Kottman	085345	010185	66,400.00
Total Remodeling & Renovation			<u>\$16,737,677.95</u>
• <u>Renewal and Replacement Funds - Repairs and Replacements</u>			
Business and Administration	086905	010058	\$(12,674.00)
Business Management	086907	010058	62,000.00
Physical Facilities	086909	010058	(102,195.35)
Traffic and Parking	086911	016007	193,200.00
Food Facility	086912	014006	22,800.00
Stores	086913	014001	38,050.00
Laundry	086914	014004	191,000.00
Equipment Repairs	086915	014003	15,250.00
Printing Facility	086916	014002	200,000.00
Bookstores	086918	010971	(7,749.98)
Physical Facility Improvements	086920	014010	27,478.78
" " "	"	014011	147,785.12
" " "	"	016390	3,300.00
University Airport	086921	016014	374,952.43
Fire Safety	086923	010058	29,943.16
Housing Commission #2	086925	016102	6,050.00
Endowment Property	086927	016350	50,900.00
Property Management	086929	016015	10,300.00
Endowment Property Improvements	086931	016350	85,100.00
North Campus Apartments	086932	016390	30,900.00
Housing Commission #1 Improvements	086933	016101	7,000.00
Housing Commission #2 Improvements	086934	016102	29,207.88

December 4 and 5, 1986 meeting, Board of Trustees

The Ohio State University
Board of Trustees

<u>Account Description</u>	<u>Account Number</u>	<u>Transferred From Account Number</u>	<u>Amount</u>
• Renewal and Replacement Funds - <u>Repairs and Replacements (continued)</u>			
Telecon	086938	011064	230,000.00
Food Facility Improvements	086940	014006	75,650.00
Mail Service	086941	014027	75,000.00
Property Management Improvements	086942	016015	20,000.00
Internal Audit	086944	010058	(8,500.00)
Fawcett Center	086952	016004	1,500.00
" "	"	032374	837.50
Printing Facility Improvements	086957	014002	77,350.00
National Center for Research in Vocational Education	086967	011077	25,600.00
Lantern	086968	011081	116,534.00
Reprographics	086969	014030	201,150.00
University Health Services	086973	010058	60,000.00
Registrar	086975	010051	(41,000.00)
Air Transportation Services	086976	014029	15,766.00
Instructional Research Computer Center	086983	010058	500,000.00
Recreation/Intramural	086984	010058	67,500.00
" "	"	011498	25,000.00
Student Affairs	086985	010051	76,326.82
" "	"	010058	10,563.00
Lincoln Maintenance	086987	017303	(202,929.25)
University Systems	086990	010058	1,981,735.00
Telephone Services	086991	010058	100,000.00
University College	086992	010058	175,000.00
University Hospitals	086995	010058	4,225.03
" "	"	010060	(283,101.79)
" "	"	019000	6,998,137.40
Veterinary Pathology	086996	010058	25,000.00
" "	"	011058	30,000.00
" "	"	027815	15,000.00
" "	"	032995	5,000.00
" "	"	033095	3,000.00
" "	"	033244	30,000.00
Total Repairs and Replacements			<u>\$11,812,941.75</u>
Total Transfers to Renewal and Replacement Funds			<u>\$28,550,619.70</u>
Total Transfers to Plant Funds			<u>\$32,050,521.32</u>
Grand Total Non-Mandatory Transfers from Current Funds			<u>\$35,260,860.76</u>

December 4 and 5, 1986 meeting, Board of Trustees

The Ohio State University
Board of Trustees

Non-Mandatory Transfers from Current Funds
Fiscal Year 1985-86
RECAP

	<u>Account Range</u>	<u>Amount</u>
LOAN FUNDS		\$ <u>261,000.00</u>
ENDOWMENT PRINCIPAL FUNDS	070000-077799	\$ <u>2,949,339.44</u>
PLANT FUNDS		
Current Unrestricted Funds		
Unrestricted Expense	010XXX	12,327,329.22
Departmental	011000-011499	526,637.00
Research Foundation	013XXX	25,000.00
Stores/Services	014XXX	1,087,279.90
Designated	015XXX	20,000.00
Auxiliary	016000-018999	10,502,835.83
Hospital	019XXX	6,998,137.40
Current Restricted Funds		
Endowment Income	020000-028999	15,000.00
Development Fund	03XXXX	498,371.97
Other Restricted	05XXXX	<u>49,930.00</u>
Total Plant Funds		\$ <u>32,050,521.32</u>
Total Non-Mandatory Transfers from Current Funds		\$ <u>35,260,860.76</u>

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December 4 and 5, 1986 meeting, Board of Trustees

**AUTHORIZATION OF AMENDMENTS TO THE FIRST SUPPLEMENTAL
TRUST INDENTURE AND THE STANDBY BOND PURCHASE AND
TERM LOAN AGREEMENT RELATING TO THE VARIABLE RATE DEMAND
GENERAL RECEIPTS BONDS, SERIES 1985 B OF THE OHIO STATE UNIVERSITY**
Resolution No. 87-70

Synopsis: Providing for certain amendments to the First Supplemental Trust Indenture, dated as of December 30, 1985 (the "First Supplemental Indenture"), by and between The Ohio State University (the "University") and The Huntington National Bank (the "Trustee"), and the Standby Bond Purchase and Term Loan Agreement (the "Standby Agreement"), dated as of December 30, 1985, by and between the University and The Industrial Bank of Japan, Limited, New York Branch (the "Bank"), for the purpose of complying with new rating criteria recently instituted by Moody's Investors Service, Inc. ("Moody's"), thereby enabling Moody's to provide a rating higher than would otherwise be assigned to the \$42,500,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1985 B (the "Series 1985 B Bonds") and permitting the University to market the Series 1985 B Bonds at the lowest interest rate possible.

WHEREAS on December 6, 1985, the Board of Trustees (the "Board") of the University adopted a resolution authorizing the issuance of the Series 1985 B Bonds (the "Series 1985 B Bond Resolution"); and

WHEREAS the Series 1985 B Bonds are secured by a Trust Indenture, dated as of November 15, 1985, by and between the Trustee and the University (the "Original Indenture"), as supplemented by the First Supplemental Indenture (the "First Supplemental Indenture," together with the "Original Indenture," being referred to herein as the "Indenture"); and

WHEREAS pursuant to the Series 1985 B Bond Resolution and the Indenture, the University and the Bank entered into the Standby Agreement; and

WHEREAS Moody's has recently instituted new criteria for rating bonds bearing interest at a variable rate, the repurchase of which is backed by liquidity facilities similar in form to the Standby Agreement; and

WHEREAS the Board has determined that it is in the best interests of the University to authorize certain amendments to the First Supplemental Indenture and the Standby Agreement for the purpose of complying with new rating criteria recently instituted by Moody's, thereby enabling Moody's to provide a rating higher than would otherwise be assigned to the Series 1985 B Bonds and permitting the University to market the Series 1985 B Bonds at the lowest interest rate possible:

NOW THEREFORE

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, as follows:

Section 1. Definitions and Interpretations. All words and terms defined in the Indenture and the Series 1985 B Bond Resolution and all interpretations therein provided shall have in this Resolution the same meanings, respectively, and be subject to the same interpretations as therein provided or used, unless the context or use clearly indicates another or different meaning or intent.

December 4 and 5, 1986 meeting, Board of Trustees

**AUTHORIZATION OF AMENDMENTS TO THE FIRST SUPPLEMENTAL
TRUST INDENTURE AND THE STANDBY BOND PURCHASE AND
TERM LOAN AGREEMENT RELATING TO THE VARIABLE RATE DEMAND
GENERAL RECEIPTS BONDS, SERIES 1985 B OF THE OHIO STATE UNIVERSITY (contd)**

Section 2. The Amendment Agreement. The First Supplemental Indenture will be amended in accordance with the provisions of an Amendment Agreement, dated as of December 1, 1986, by and between the Bank and the University (the "Amendment Agreement"). The form of Amendment Agreement now on file with the Secretary of the Board is hereby approved, together with any changes therein and completions thereof which are not inconsistent with this Resolution and not substantially adverse to the University, and as are approved on behalf of the University by the Chairman of the Board (the "Chairman") or the Treasurer. The approval on behalf of the University of those changes and completions by the Chairman or the Treasurer, and the status of those changes as not substantially adverse to the University, shall be conclusively evidenced by the execution of the Amendment Agreement on behalf of the University by the Chairman or the Treasurer.

Section 3. Restated Standby Bond Purchase and Term Loan Agreement. The Standby Agreement has been amended to reflect the new Moody's rating criteria and shall hereafter be in the form of the Restated Standby Bond Purchase and Term Loan Agreement, dated as of December 1, 1986, by and between the University and the Bank (the "Restated Standby Agreement"). The form of Restated Standby Agreement now on file with the Secretary of the Board is hereby approved, together with any changes therein and completions thereof which are not inconsistent with this Resolution and not substantially adverse to the University, and as are approved on behalf of the University by the Chairman or the Treasurer. The approval on behalf of the University of those changes and completions by the Chairman or the Treasurer, and the status of those changes as not substantially adverse to the University, shall be conclusively evidenced by the execution of the Restated Standby Agreement on behalf of the University by the Chairman or the Treasurer.

Section 4. Text of Resolution. The text of this Resolution authorizing the execution of the Amendment Agreement and the Restated Standby Agreement and related acts by the University may be changed for the purpose of curing any ambiguity, inconsistency or formal defect or omission in this Resolution or in respect of this Resolution as it relates to the Amendment Agreement or the Restated Standby Agreement. Such changes shall be subject to the approval of the Chairman or the Treasurer as being changes not substantially adverse to the University or contrary to the true intent and meaning hereof and shall be acceptable to Bond Counsel.

Section 5. Open Meeting Determination. It is found and determined that all formal actions of the Board concerning or relating to the adoption of this Resolution were adopted in an open meeting of the Board, and that all deliberations of the Board and of any of its committees that resulted in such formal action were in meetings opened to the public, in compliance with all legal requirements including Section 121.22 of the Revised Code.

Section 6. Effective Date. This Resolution shall take effect and be enforced immediately upon its adoption.

December 4 and 5, 1986 meeting, Board of Trustees

**AUTHORIZATION OF AMENDMENTS TO THE FIRST SUPPLEMENTAL
TRUST INDENTURE AND THE STANDBY BOND PURCHASE AND
TERM LOAN AGREEMENT RELATING TO THE VARIABLE RATE DEMAND
GENERAL RECEIPTS BONDS, SERIES 1985 B OF THE OHIO STATE UNIVERSITY (contd)**

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**AUTHORIZATION OF THE EXECUTION OF AN AMENDED THIRD SUPPLEMENTAL
TRUST INDENTURE AND AN AMENDED STANDBY BOND PURCHASE
AGREEMENT RELATING TO THE VARIABLE RATE DEMAND GENERAL
RECEIPTS BONDS, SERIES 1986 B OF THE OHIO STATE UNIVERSITY**

Resolution No. 87-71

Synopsis: Providing for the execution of an amended Third Supplemental Trust Indenture, dated as of August 1, 1986 (the "Amended Third Supplemental Indenture"), by and between The Ohio State University (the "University") and The Huntington National Bank (the "Trustee"), and an amended Standby Bond Purchase Agreement (the "Amended Standby Agreement"), dated as of August 1, 1986, by and between the University and The Fuji Bank, Limited, Chicago Branch (the "Bank"), for the purpose of complying with new rating criteria recently instituted by Moody's Investors Service, Inc. ("Moody's"), thereby enabling Moody's to provide a rating higher than would otherwise be assigned to the \$45,000,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1986 B (the "Series 1986 B Bonds") and permitting the University to market the Series 1986 B Bonds at the lowest interest rate possible.

WHEREAS on July 11, 1986, the Board of Trustees (the "Board") of the University adopted a resolution authorizing the issuance of the Series 1986 B Bonds (the "Series 1986 B Bond Resolution"); and

WHEREAS the Series 1986 B Bonds are secured by a Trust Indenture, dated as of November 15, 1985, by and between the Trustee and the University (the "Original Indenture"), as supplemented by a First Supplemental Trust Indenture, dated as of December 30, 1985 (the "First Supplemental Indenture"), a Second Supplemental Trust Indenture, dated as of August 1, 1986 (the "Second Supplemental Indenture") and the Third Supplemental Trust Indenture, dated as of August 1, 1986 (the "Third Supplemental Indenture") (the "First Supplemental Indenture," the "Second Supplemental Indenture," and the "Third Supplemental Indenture," together with the "Original Indenture," being referred to herein as the "Indenture"); and

WHEREAS pursuant to the Series 1986 B Bond Resolution and the Indenture, the University and the Bank entered into a Standby Bond Purchase Agreement, dated as of August 1, 1986, by and between the University and the Bank (the "Standby Agreement"); and

WHEREAS Moody's has recently instituted new criteria for rating bonds bearing interest at a variable rate, the repurchase of which is backed by liquidity facilities similar in form to the Standby Agreement; and

WHEREAS the Board has determined that it is in the best interests of the University to authorize the execution of the Amended Third Supplemental Indenture and the Amended Standby Agreement for the purpose of complying

December 4 and 5, 1986 meeting, Board of Trustees

**AUTHORIZATION OF THE EXECUTION OF AN AMENDED THIRD SUPPLEMENTAL
TRUST INDENTURE AND AN AMENDED STANDBY BOND PURCHASE
AGREEMENT RELATING TO THE VARIABLE RATE DEMAND GENERAL
RECEIPTS BONDS, SERIES 1986 B OF THE OHIO STATE UNIVERSITY (contd)**

with the new rating criteria recently instituted by Moody's, thereby enabling Moody's to provide a rating higher than would otherwise be assigned to the Series 1986 B Bonds and permitting the University to market the Series 1986 B Bonds at the lowest interest rate possible:

NOW THEREFORE

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, as follows:

Section 1. Definitions and Interpretations. All words and terms defined in the Indenture and the Series 1986 B Bond Resolution and all interpretations therein provided shall have in this Resolution the same meanings, respectively, and be subject to the same interpretations as therein provided or used, unless the context or use clearly indicates another or different meaning or intent.

Section 2. The Amended Third Supplemental Indenture. The Third Supplemental Indenture has been amended to reflect the new Moody's rating criteria and shall hereafter be in the form of the Amended Third Supplemental Indenture. The form of the Amended Third Supplemental Indenture now on file with the Secretary of the Board is hereby approved, together with any changes therein and completions thereof which are not inconsistent with this Resolution and not substantially adverse to the University, and as are approved on behalf of the University by the Chairman of the Board (the "Chairman") or the Treasurer. The approval on behalf of the University of those changes and completions by the Chairman or the Treasurer, and the status of those changes as not substantially adverse to the University, shall be conclusively evidenced by the execution of the Amended Third Supplemental Indenture on behalf of the University by the Chairman or the Treasurer.

Section 3. Amended Standby Agreement. The Standby Agreement has been amended to reflect the new Moody's rating criteria and shall hereafter be in the form of the Amended Standby Agreement. The form of Amended Standby Agreement now on file with the Secretary of the Board is hereby approved, together with any changes therein and completions thereof which are not inconsistent with this Resolution and not substantially adverse to the University, and as are approved on behalf of the University by the Chairman or the Treasurer. The approval on behalf of the University of those changes and completions by the Chairman or the Treasurer, and the status of those changes as not substantially adverse to the University, shall be conclusively evidenced by the execution of the Amended Standby Agreement on behalf of the University by the Chairman or the Treasurer.

Section 4. Text of Resolution. The text of this Resolution authorizing the execution of the Amended Third Supplemental Indenture and the Amended Standby Agreement and related acts by the University may be changed for the purpose of curing any ambiguity, inconsistency or formal defect or omission in this Resolution or in respect of this Resolution as it relates to the Amended Third Supplemental Indenture or the Amended Standby Agreement. Such changes shall be subject to the approval of the Chairman or the Treasurer as being changes not substantially adverse to

December 4 and 5, 1986 meeting, Board of Trustees

**AUTHORIZATION OF THE EXECUTION OF AN AMENDED THIRD SUPPLEMENTAL
TRUST INDENTURE AND AN AMENDED STANDBY BOND PURCHASE
AGREEMENT RELATING TO THE VARIABLE RATE DEMAND GENERAL
RECEIPTS BONDS, SERIES 1986 B OF THE OHIO STATE UNIVERSITY (contd)**

the University or contrary to the true intent and meaning hereof and shall be acceptable to Bond Counsel.

Section 5. Open Meeting Determination. It is found and determined that all formal actions of the Board concerning or relating to the adoption of this Resolution were adopted in an open meeting of the Board, and that all deliberations of the Board and of any of its committees that resulted in such formal action were in meetings opened to the public, in compliance with all legal requirements including Section 121.22 of the Revised Code.

Section 6. Effective Date. This Resolution shall take effect and be enforced immediately upon its adoption.

Upon motion of Mr. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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OHIO STATE UNIVERSITY AFFILIATES, INC.

Resolution No. 87-72

WHEREAS it has been determined that there is a need to form a non-profit corporation under the Ohio Non-Profit Corporation Law to advance the interests of The Ohio State University, its students, faculty, staff, and its supporting community; and

WHEREAS Ohio State University Affiliates, Inc., is to be organized and shall be operated exclusively for educational, charitable, or scientific purposes by conducting such a relationship between the University and Ohio State University Affiliates, Inc., which can qualify such organization under Section 501 (c) (3) of the United States Internal Revenue Code; and

NOW THEREFORE

BE IT RESOLVED, That pursuant to the general authority vested in the Board of Trustees by law, The Ohio State University hereby approves the establishment of Ohio State University Affiliates, Inc., under the laws of Ohio and approves such a relationship between the University and Ohio State University Affiliates, Inc., which can qualify such organization under Section 501 (c) (3) of the United States Internal Revenue Code; and

BE IT FURTHER RESOLVED, That The Ohio State University gives its consent to Ohio State University Affiliates, Inc., to use the name, Ohio State University Affiliates, Inc.; and

BE IT FURTHER RESOLVED, That the President of the University is authorized to execute such documents that are necessary to carry out the establishment of Ohio State University Affiliates, Inc., and to provide such procedures, rules and agreements for the University's representatives serving in any capacity to assist the organization as he deems necessary or desirable to carry out effectively the responsibilities and purposes of the University.

December 4 and 5, 1986 meeting, Board of Trustees

OHIO STATE UNIVERSITY AFFILIATES, INC. (contd)

Upon motion of Mr. Teaford, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 87-73

RESOLVED, That the report on the University's Investment Portfolio, dated November 21, 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Mr. Galbreath made the following statement:

I would like to make a couple of remarks. In addition, Scottie, I appreciate the coffee and the warm feet. On a very serious note, Len, as a member of our Board, it is particularly significant and I would like to acknowledge and thank you for that very generous gift. It is very special indeed.

Also, I think it is appropriate to acknowledge and congratulate all those who were involved in winning a berth at the Cotton Bowl. I personally was disappointed in, by about 3 feet, not going to California. But being the first Big 10 school to be represented in the Cotton Bowl, I think, is a distinct pleasure and privilege for us. I hope we can have a pretty good turnout down there. I know we will as fans, and Scottie, you have a good program going for the administrative group and I will look forward to being there.

And lastly, I would like to wish all of you a very Merry Christmas, a healthy and happy New Year, and I look forward to seeing you at our next meeting. Unless you hear from us further, it will be here in Ohio, February 5 and 6, on the same premises here.

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Thereupon the Board adjourned to meet Thursday, February 5, 1987, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

Daniel M. Galbreath
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND TWENTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 5 and 6, 1987

The Board of Trustees met at its regular monthly meeting on Thursday, February 5, and Friday, February 6 1987, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

*	*	*
Minutes of the last meeting were approved.		
*	*	*

February 5 and 6, 1987 meeting, Board of Trustees

Trustee Leonard J. Immke, called the meeting of the Board of Trustees to order on February 5, 1987, at 4:05 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Leonard J. Immke, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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Mr. Galbreath reconvened the meeting on February 6, 1987, at 10:30 a.m.

Present: Daniel M. Galbreath, Chairman, Edmund C. Redman, Leonard J. Immke, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and John W. Kessler.

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Mr. Galbreath:

Even though we are somewhat behind schedule, we have dealt with some very heavy subjects here. On the lighter side -- since this is our first visit since the New Year, I want to wish you all a happy New Year -- and acknowledge the fact that it couldn't have started any better for us in Dallas on January 1. It was a great effort on the part of our football team and I think, last night's basketball game was almost as good, as well. We have started this year off pretty well.

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THE OHIO COLLEGE RESOURCE NETWORK

Resolution No. 87-74

Synopsis: Resolution for Regional Campuses of The Ohio State University to participate in the Ohio College Resource Network is proposed.

WHEREAS on February 14, 1986, the Ohio Board of Regents by formal resolution pledged its support to a reaffirmation of the role of Ohio's two-year colleges in the state economic and human resource development strategies; and

WHEREAS The Ohio State University has regional campuses in the communities of Lima, Mansfield, Marion, and Newark and the Agricultural Technical Institute at Wooster; and

WHEREAS the Ohio College Resource Network as proposed by the Board of Regents will be a cooperative network of mutual support designed to share resources of technical and community colleges and regional campuses of the state universities of Ohio:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University Board of Trustees authorizes the President to participate in the Ohio College Resource Network at each of the regional campuses and at the Agricultural Technical Institute, as appropriate, for the delivery of quality education to their respective service areas.

February 5 and 6, 1987 meeting, Board of Trustees

THE OHIO COLLEGE RESOURCE NETWORK (contd)

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY

Resolution No. 87-75

Synopsis: Amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty are proposed.

WHEREAS the Board of Trustees approved a change in titles and responsibilities for several administrative positions at its last meeting; and

WHEREAS these changes and several minor changes in title and responsibility in various administrative areas and programs now require the modification of the existing Bylaws of the Board of Trustees and Rules of the University Faculty, as follows:

BYLAWS

3335-1-01 Meetings of the board of trustees.

- (A) Regular meetings. Unless otherwise specified by the chairman, regular meetings of the board of trustees shall be held on the first Friday of each month except the month of August, during which there will be no regular meeting.
- (B) Special meetings. Special meetings of the board of trustees shall be held upon call of the chairman. Special meetings may be called by the chairman on his own initiative and shall be called by the chairman, upon written request of three members of the board.
- (C) Time and place of meetings. Unless otherwise specified in the notice of meeting, all meetings of the board shall be held at the Ohio state university at such time as is designated in the notice of meetings.

Balance unchanged.

3335-1-03 Administration of the university.

(A) through (G) unchanged.

- (H) Vice president for business and administration. The major area of responsibility and authority of the vice president for business and administration shall be that of the administration of the university operations. Without limiting the generality of the foregoing, the vice president for business and administration shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the conduct and evaluation of all business and administrative activities and procedures, including management improvement programs; internal auditing; contracts administration; business management; business services; the development, allocation, utilization, and maintenance

February 5 and 6, 1987 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

of the physical facilities; university public safety; university systems; the operation of the Fawcett center for tomorrow; the operation of university air transportation services; the coordination of all matters administratively assigned to the other vice presidents which relate to the business and administrative areas of the university.

(I) Unchanged.

(J) Vice president for personnel services. The major area of responsibility and authority of the vice president for personnel services shall be that of the administration of the personnel services of the university. Without limiting the generality of the foregoing, the vice president for personnel services shall, under the direction of the president and subject to the approval of the board of trustees, be responsible and have the requisite authority for: benefits administration which includes the various insurance programs for the faculty, staff, and students; the employee assistance program; classification administration including determining which employees and positions are to be in the unclassified and classified service; professional employment services; staff employment services; employee relations, including negotiating with the labor unions; personnel research and information; compensation administration; payroll; and the child care program. Pursuant to the provisions of Chapter 124. of the Ohio Revised Code, the vice president for personnel services shall serve as the appointing authority for classified civil service employees of the university. In addition to the above the vice president for personnel services, along with other members of the staff designated by the president, shall provide such assistance as may be deemed appropriate for the implementation of programs related to affirmative action at the university.

Balance unchanged.

3335-1-04 The faculty and staff.

(A) University faculty; membership.

(1) As used in these bylaws and in the "Rules of the University Faculty," the term faculty shall include persons with regular, regular clinical, auxiliary, and emeritus faculty titles on full or part-time appointments with or without salary.

(2) For purposes of the legislative authority described in paragraph (B) of this rule, the term university faculty shall mean all regular faculty, the president, members of the president's staff serving at his pleasure and designated as executive heads of offices, the deans of the colleges and of the graduate school, and the dean for undergraduate studies for arts and sciences.

RULES

3335-3-08 Vice president for business and administration.

(A) The vice president for business and administration shall be the

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

executive head of the office of business and administration.

- (B) The major area of responsibility and authority of the vice president for business and administration shall be that of the administration of the university operations. Without limiting the generality of the foregoing, the vice president for business and administration shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the conduct and evaluation of all business and administrative activities and procedures, including management improvement programs; internal auditing; contracts administration; business management; business services; the development, allocation, utilization, and maintenance of the physical facilities; university public safety; university systems; the operation of the Fawcett center for tomorrow; the operation of the university air transportation services; and the coordination of all matters administratively assigned to the other vice presidents which relate to the business and administrative areas of the university.
- (C) The principal administrative officials of the office of business and administration shall include the assistant vice president, administration; assistant vice president, physical facilities; assistant vice president, university architect; assistant vice president, university public safety; assistant vice president, business management; assistant vice president, business services; assistant vice president, university systems; director, contracts administration; director, internal auditing; and such other associates as may be authorized from time to time.

3335-3-14 Vice president for personnel services.

- (A) The vice president for personnel services shall be the executive head of the office of personnel services.
- (B) The major area of responsibility and authority of the vice president for personnel services shall be that of the administration of the personnel services of the university. Without limiting the generality of the foregoing, the vice president for personnel services shall, under the direction of the president and subject to the approval of the board of trustees, be responsible and have the requisite authority for: benefits administration which includes the various insurance programs for the faculty, staff, and students; the employee assistance program; classification administration including determining which employees and positions are to be in the unclassified and classified service; professional employment services; staff employment services; employee relations, including negotiating with the labor unions; personnel research and information; compensation administration; payroll; and the child care program. Pursuant to the provisions of Chapter 124. of the Ohio Revised Code, the vice president for personnel services shall serve as the appointing authority for classified civil service employees of the university. In addition to the above the vice president for personnel services, along with other members of the staff designated by the president, shall provide such assistance as may be deemed appropriate for the implementation of programs related to affirmative action at the university.

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- (C) The principal administrative officials of the office of personnel services shall include the associate vice president; assistant vice president; assistant vice president of compensation services; director of employment services; director of staff relations; director of benefits administration; director of personnel systems and research; director of classification services; director of the child care center; and such other associates as may be authorized from time to time.

3335-3-153 Vice president for university communications and development.

- (A) The vice president for university communications and development shall be the executive head of the office of university communications and development.
- (B) The major area of responsibility and authority of the vice president for university communications and development shall be the administration of the university communications and university development activities of the university. Without limiting the generality of the foregoing, the vice president for university communications and development shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: public relations; coordination of university efforts relating to public information; and management and direction of fund raising, including individual, corporate and foundation giving.
- (C) The principal administrative officials of the office of university communications and development shall be the executive director of university communications, the executive director of university development, and such other associates as may be authorized from time to time.

3335-3-171 Assistant provost for continuing education.

- (A) There shall be an assistant provost for continuing education in the office of academic affairs.
- (B) The assistant provost for continuing education shall be responsible for and have the requisite authority to provide coordinated leadership for the maintenance and improvement of all aspects of university continuing education, including but not limited to: responsibility and the requisite authority for the development and administration of policies and operating procedures for credit, continuing professional education, and non-credit programs; administration of the continuing education enrollment unit and the university office of continuing education; development of new courses and programs in cooperation with other academic units; provision of support for counseling and other services to continuing learners; and development of external sources of support for continuing education research and teaching.

3335-5-191 University faculty.

For purposes of the governance functions described in rules 3335-5-20 to 3335-5-25 of the Administrative Code, the term "university faculty" shall mean all regular faculty, the president, members of the president's staff

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serving at his pleasure and designated as executive heads of offices, the deans of the colleges and of the graduate school, and the dean for undergraduate studies for arts and sciences.

3335-5-20 Presiding officer.

The president of the university shall be the presiding officer of the university faculty. In his absence the duties of the presiding officer shall be assigned to the vice president for academic affairs and provost. In the absence of both the president and the vice president for academic affairs and provost, the duties of the presiding officer shall be assigned by the president to the dean of one of the colleges, the dean for undergraduate studies for arts and sciences, or the vice president for research and graduate studies.

3335-9-19 Instructional and general fees for instructors, graduate teaching associates, graduate research associates, graduate administrative associates, fellows, scholars, and university employees.

- (A) "Fees authorized" are those fees which are paid on behalf of a student through university accounts for the purpose of services rendered, employee benefits or student assistance. A fee authorization provides the authority to spend money from whatever account is specified to pay student fees. All fees must be authorized by an appropriate fee authorization card. Approved fee authorization will be processed as an expenditure against the department and account specified.
- (B) The payment of instructional and general fees may be authorized, except as specifically prohibited by the university, for those within the following classifications:
 - (1) Members of the instructional staff of the university, with the rank of instructor and above who were employed before July 1, 1955 and who are registered in the graduate school, and any members of the teaching staff who, on the approval of the appropriate instructor and department chairperson or director of a school, enrolls as an auditor. (Rule 3335-9-11 of the Administrative Code)
 - (2) Graduate teaching associates, graduate research associates, and graduate administrative associates who meet the specified requirements of enrollment and employment may have their instructional and general fees authorized for payment as a benefit for services rendered.
 - (3) Employees of organizations having specific contracts with the board of trustees of the university whereby fees of persons designated by the agreement are authorized, in whole or in part, in lieu of payment for service rendered by the organization to the Ohio state university.
 - (4) Undergraduate and professional students eligible for the authorization of fees under scholarship assistance programs.
 - (5) Graduate students eligible for the authorization of fees under

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university, private, and governmental fellowships and traineeship agreements.

- (6) Qualified university employees under the provisions of the fee authorization program as administered by the office of personnel services. As a general principle, employees who are members of the administrative or clerical staff of the university will not be permitted to take courses except outside of the prescribed working hours.
- (C) The president, subject to the approval of the board of trustees, shall have authority to enter into an agreement with an organization or person not provided for in another category.
- (D) A copy of the agreement and the names of person, or persons, designated to sign and certify fee authorizations will be filed with the office of personnel services. All agreements shall contain information as to who is responsible for the overall administration of fee authorizations for these programs. Problems of coordination and individual cases that need interpretation of the rules concerning fee authorizations shall be referred for decision to the office of personnel services.
- (E) In all cases where interpretation and application of the rules specified herein are required, the question shall be referred for decision to the office of personnel services.

3335-47-07 Campus assignment.

The Ohio state university provides instructional programs at several locations including the central campus in Columbus, regional campuses in Lima, Mansfield, Marion, and Newark, and the agricultural technical institute (Wooster). Members of the regular faculty who receive tenure while rendering primary service on a particular campus hold tenure only at that campus.

It is the policy of the university to achieve and maintain high quality programs on each of the several campuses. Decisions regarding the selection, salary, assessment, promotion, assignment, and responsibilities of a regional campus faculty member should reflect full cooperation between the Columbus academic unit, which is responsible for instruction, and the regional campus administration. All formal recommendations (e.g., appointments, nominations for promotions or tenure, etc.) must bear the signature of the chairperson of the Columbus campus academic unit, the dean of the college of instruction, the dean of the regional campus, and the vice president for academic affairs and provost or designee.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Bylaws of the Board of Trustees and the Rules of the University Faculty be adopted.

Upon motion of Mr. Barone, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 87-76

Synopsis: Amendments to rules 3335-5-18 and 3335-5-4812 are being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on January 31, 1987, as follows:

AMENDED RULES

3335-5-18 Meetings.

The department or school faculty shall meet upon call of the chairperson or director or as prescribed in the unit's pattern of administration, but not less frequently than once each quarter, or semester, during the academic year.

3335-5-4812 Faculty compensation and benefits committee.

(A) Membership.

The faculty compensation and benefits committee shall consist of fifteen members.

(1) and (2) unchanged.

(3) An emeritus member from the regular faculty appointed annually by the president in consultation with the Ohio state university retirees association.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO THE OHIO STATE UNIVERSITY
CODE OF STUDENT CONDUCT

Resolution No. 87-77

Synopsis: Amendments to The Ohio State University Code of Student Conduct are being proposed.

WHEREAS reorganization in the Division of Student Affairs has resulted in changes of title and office designations; and

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WHEREAS legal counsel has suggested some changes in wording to assure the rights of due process; and

WHEREAS the Council on Student Affairs, the Office of the President, the Office of the Provost, and appropriate Senate committees, have reviewed the proposed changes:

WHEREAS the University Senate approved the following changes, additions, and deletions to The Ohio State University Code of Student Conduct on December 6, 1986, as follows:

Chapter 3335-23

THE OHIO STATE UNIVERSITY CODE OF STUDENT CONDUCT

3335-23-01 Introduction.

The code exists to protect the persons, their rights, and the property of the university community and to foster and enhance the academic mission of the university. The code does not list all activities that may seriously affect the university community. It applies to the conduct of all registered students and registered student organizations (hereinafter "student") while on university premises. The term "university premises" means all lands, buildings, and facilities owned, leased, or operated by the university. Jurisdiction is limited to actions on university premises except for academic misconduct and hazing.

All persons are encouraged to report code violations to a university official as soon as possible. A charge of a code violation must be filed with the university within six months of the identification of the person allegedly committing the violation. The university shall notify the student of the alleged violation within one week of the filing of charges.

As members of the Ohio state university community, students also are subject to city, county, state, and federal law. Therefore, legal action in addition to university disciplinary action may occur.

Chapter 3335-25

RULES, POLICIES AND REGULATIONS

A student found guilty of the following conduct will be subject to university disciplinary action.

3335-25-01 Prohibited conduct.

(A) Academic misconduct.

Academic misconduct, as defined in rule 3335-31-02 of the Administrative Code.

(B) Infliction of bodily or emotional harm.

Infliction or threat of infliction of bodily or emotional harm,

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whether done intentionally or with reckless disregard, including threat or action in retaliation for making allegations of misconduct.

(C) Destruction of property.

Actual or threatened damage to or destruction of university property or property of others while on university premises, whether done intentionally or with reckless disregard.

(D) Dangerous weapons or devices.

Use, storage, or possession of dangerous weapons or devices unless authorized by an appropriate university official or as permitted by a university policy.

(E) Dishonest conduct.

Dishonest conduct, including, but not limited to, knowingly reporting a false emergency; knowingly making false accusation of misconduct; misuse or falsification of university documents by actions such as forgery, alteration, or improper transfer; submission to a university official of information known by the submitter to be false.

(F) Theft/unauthorized use of property.

Theft or attempted theft, or the unauthorized use or possession of university property or services, or the property of others while on university premises.

(G) Failure to comply with university authority.

Failure to comply with directives of authorized university officials, identified as such, in the performance of their duties, including failure to identify oneself when so requested; or, violation of the terms of a disciplinary sanction.

(H) Drugs or alcohol.

Use, production, distribution, sale, or possession of drugs or alcohol in a manner prohibited under Ohio law.

(I) Unauthorized presence.

Unauthorized entrance to or presence in or on university premises.

(J) Disorderly conduct.

Disorderly conduct that interferes with university-authorized activities, including teaching, research, administration, or other activities conducted, sponsored, or permitted by the university.

(K) Violation of university rules.

Violation of other published university regulations, policies, or rules, or any other violation of state or federal law committed on university premises.

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3335-25-02 Disruption.

(A) Rule 3335-11-02 of the Administrative Code provides for disciplinary action to be taken when a person commits conduct that is intended to disrupt or prevent university-authorized activities. This includes such conduct as obstruction of lawful movement on campus, occupation of buildings, employment or threat of force, interferences with teaching, research, or administration, damage to equipment or property, or successful solicitation to such actions. The rule does not prohibit peaceful dissent or demonstration. Rule 3335-11-021 provides for the appointment of hearing officers for these cases. Moreover, under rule 3335-11-022 of the Administrative Code, whenever a criminal court exercises jurisdiction over acts which allegedly constitute disruption by university rules, the university will not exercise jurisdiction, except in extraordinary cases of clear and present danger. (Rules 3335-11-02, 3335-11-021, and 3335-11-022 of the Administrative Code are available from the office of student life or college offices.)

(B) The Ohio Campus Disruption Act.

The Campus Disruption Act procedures are contained in sections 3345.22 to 3345.26 of the Revised Code. This act provides for a special hearing officer to be appointed by the board of regents to hear cases where a student, faculty or staff member, or employee has been arrested for certain offenses under the criminal code. The offenses include, but are not limited to: assault, menacing, arson, vandalism, and incitement to riot. Under the act, a hearing is to be held within five days of arrest of the person for the purpose of determining whether the accused person should be immediately suspended from the university. If a preponderance of the evidence elicited at the hearing indicates that the accused committed an offense under the Disruption Act, the person will be suspended from the university unless the order of the university would not be compromised by the person's presence. Conviction of the charges on which the accused was arrested will cause dismissal. An acquittal will cause reinstatement and expungement of the record. If charged but not arrested, a hearing as authorized under the act will not be held, but a conviction for any of the enumerated offenses will result in automatic dismissal from the university for one year. (Section 3345.23 (A))

3335-25-03 Policies.

Established policies and rights exist to ensure an environment conducive to equity and quality living for all members of the university community. Students violating university policy may be subject to disciplinary action.

(A) Nondiscrimination.

The policy of the Ohio state university is that discrimination against any individual for reasons of race, color, creed, religion, sexual orientation, national origin, sex, age, handicap, or Vietnam-era veteran status is specifically prohibited. Title IX of the education amendments of 1972 prohibits sex discrimination and

AMENDMENTS TO THE OHIO STATE UNIVERSITY
CODE OF STUDENT CONDUCT (contd)

Section 504 of the Rehabilitation Act of 1973 prohibits discrimination on the basis of handicap in education programs and activities. Accordingly, equal access to employment opportunities, admissions, educational programs, and all other university activities is extended to all persons, and the university promotes equal opportunity through a positive and continuing affirmative action program. (Further details on this policy may be obtained in the office of affirmative action.)

(B) Sexual harassment.

Sexual harassment is prohibited and includes: sexual contact that is not freely and mutually agreeable to both parties; communications of a sexual nature, whether physical, oral, written, or pictorial that are made for the purpose of threatening, intimidating, or humiliating the person receiving such communications; solicitation of sexual contact when submission to or rejection of such contact implicitly or explicitly imposes adverse or favorable terms or conditions on employment or academic standing. (Further details and procedures may be obtained in the office of student life and/or the office of affirmative action.)

(C) Anti-hazing.

The Ohio state university specifically prohibits "hazing," which is defined as any activity that might reasonably bring embarrassment or emotional, psychological, or physical harm to the individual or that might degrade or otherwise compromise the dignity of the individual. (Details on this policy are available in the office of student life.)

(D) Confidentiality of records.

Education records are defined by the Family Educational Rights and Privacy Act of 1974, as amended, to be those records, files, documents, and other materials which contain information directly related to a student and are maintained by any unit of the university. The following are not considered to be educational records: records made by university personnel which are in the sole possession of the maker and are not accessible or revealed to any other person, records maintained by the office of public safety, and medical and counseling records used solely for treatment. Under the act, students are given the following rights regarding their educational records:

- (1) Students have the right to inspect and review all of their education records except financial records of parents, and confidential letters and statements of recommendation for which students have waived their right of access.
- (2) Students have the right to challenge the content of their education records if they consider the information contained therein to be inaccurate, misleading, or inappropriate, and to have these records amended if a hearing officer or an appeals board, appointed by the university registrar, renders a decision favorable to the student.

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- (3) Students may waive their right of access to confidential letters and statements of recommendation.
- (4) Students must provide written consent for the release of educational records except for certain types of requests specified by the act.

(Details are available in the offices of student life and the university registrar.)

(E) Entry, search and seizure.

- (1) Every effort is made to ensure privacy in university housing and offices. Nevertheless, a designated university official has the right to enter any part of the university premises to perform reasonable custodial, maintenance and repair services, to inspect for damages or cleanliness, or in case of emergency. In university housing, reasonable effort will be made to give twenty-four-hour notice before the service or inspection is performed.
- (2) A designated university official may enter and search university premises if there is reason to believe that the premises are being used for an illegal purpose or a purpose which violates health or safety regulations or interferes with normal university operation; evidence found in such a search may be confiscated and used in disciplinary proceedings. In university housing, the designated university official shall be a residence hall director. When a residence hall director enters and searches university housing as provided for under this paragraph, reasonable efforts must be made to have present a resident of the room or apartment being searched. If a resident of the room or apartment is not present after such reasonable efforts have been made, an officer of the hall or complex student council shall witness the search.
- (3) Law officials may enter, search, and seize evidence in accordance with law.

(F) Means of expression.

- (1) The university may establish, promulgate, and enforce regulations, including regulation of sound equipment, rallies, parades, demonstrations, or other assemblies, to assure safety of persons and property and to prevent disruption of the educational process. The university must make available to students any such regulations.
- (2) No written materials may be attached by any method to university premises or property unless such posting is approved in accordance with regulations to be obtained from the student organizations and activities office.

(G) Patents and copyrights.

The university's policy on patents and copyrights in some circumstances may require that legal rights in inventions, discoveries,

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copyrightable works (including computer software), etc., developed by students be transferred to the university. That policy provides appeal procedures for resolving questions relating to such rights. Students enrolled in the university are subject to the policy. Copies of the full policy are available from the office of the patent and copyright administrator, 204 research center.

Chapter 3335-27

DISCIPLINE PROCEEDINGS

3335-27-01 Investigation.

When information is presented to a university official that indicates code violation(s) may have occurred, the university may conduct a preliminary investigation of the alleged violation. Residence hall directors, assistant hall directors, the coordinator of judicial affairs, and others appointed by the dean of student life are authorized to investigate violations other than those involving academic misconduct. During preliminary investigation, the student allegedly involved in misconduct will be sent a letter describing the violation, whom to contact for a preliminary interview, and that date by which the contact should occur. Any person believed to have information relevant to the investigation may be contacted and requested to make an appointment to discuss the matter. Upon completion of the preliminary investigation the investigator will decide whether to dismiss, change or affirm the charges. Residence hall officials may refer cases involving possible suspension or dismissal to the dean of student life or the dean's designee.

3335-27-02 Administrative decision.

In all cases, a student has the right to a panel hearing. However, in a case where a student is charged with violations other than academic misconduct, the student may opt in writing to have a decision as to appropriate action made administratively by an appropriate investigator/hearing officer rather than have the charges referred to a panel or commission for the decision. The student thus waives the right to a hearing and the related procedural guarantees provided in a panel or commission hearing. The student will sign the waiver at the time of the preliminary interview. Administrative decision does not preclude further investigation into other charges related to the incident. The student retains the right to request an appeal of the original action.

3335-27-03 Notice of proceedings.

If a hearing is to be held, written notification will be delivered to the last known address of the student, either by certified mail, first class mail or by hand-delivery, no fewer than seven calendar days prior to the hearing. In residence hall cases notification of hearings will be hand delivered or placed in student mailboxes, no fewer than seven calendar days prior to the hearing. The notification will include the charge, date, time, and location of the hearing, the hearing officer or panel, a statement of the accused's rights, and information on the hearing procedures. The accused student may waive the notice period, request a postponement for reasonable cause, or request a hearing separate from

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other accused persons. Request for a postponement or separate hearing must be received at least one day before the scheduled hearing.

3335-27-04 Hearing procedures.

Students have a right to fair hearings. Although the procedural requirements are not as formal as those existing in the civil courts of law, to ensure fairness, the following procedures apply and will be included within hearing notices:

- (A) Hearings are restricted to those directly involved or requested by the accused or hearing officer to attend. The hearing officer may take reasonable measures to assure an orderly hearing, including removal of persons who impede or disrupt proceedings.
- (B) The accused student may have a person present to advise him/her. The adviser may only counsel the student and not actively participate in the hearing, unless clarification is needed as determined by the hearing officer.
- (C) The accused may submit a written statement, may invite witnesses to attend on the accused's behalf, may ask questions of witnesses called by others, and will be notified of witnesses to be called. The university may present witnesses as well as question those presented by the accused.
- (D) Written statements signed by a witness, accepted and verified as that witness' statement by the preliminary investigating officer, may be used if, for good reason, the witness cannot attend the hearing.
- (E) University hearings, unlike proceedings of courts of law, do not require conclusive proof; instead, the greater weight of the evidence is sufficient for the hearing officer or panel to decide if a violation of the code has occurred and to impose a sanction.

3335-27-05 Attendance.

Because the most accurate and fair review of the facts can best be accomplished when all parties are present, the accused is expected to attend. If an individual does not choose to attend a hearing, the charges will be reviewed as scheduled on the basis of the information available and a decision will be made. No decision shall be based solely on the failure of the accused student to attend the hearing or answer the charges.

3335-27-06 Record and nature of proceedings.

A record consisting of written notes, tape, or other method selected by the hearing panel or officer, will be made of all hearings. This record will be available to the accused, during the appeal period, and can be copied at his or her expense. A written notice of the decision and information regarding appeal procedures will be sent to the accused student. In general, materials relating to a disciplinary action are confidential and may be made available by the hearing officer or panel only to those who have a valid need to know, e.g., discipline officers, vice president for academic affairs and provost and other university

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officials who have a demonstrated need to know. The policy governing confidentiality and release of records is printed in the quarterly master schedule and available from the office of student life.

3335-27-07 Appeal.

A student found to have violated this code has the right to appeal the original decision. Appeals must be filed within fourteen calendar days from the date of the sanction decision letter. The following guidelines apply:

- (A) The grounds for appeal are procedural error, misapplication or misinterpretation of the rule alleged to be violated, findings of facts not supported by a greater weight of evidence, and discovery of substantial new facts that were unavailable at the time of hearing.
- (B) Barring introduction of substantial new facts, an appeal is limited to a review of the proceedings of the previous hearing.
- (C) An appeal based on grounds of procedural error, misapplication or misinterpretation of the rule alleged to be violated, or findings of facts not supported by a greater weight of evidence cannot result in a more severe sanction being imposed.
- (D) A decision by a person designated to decide appeals, that there are substantial new facts that were unavailable at the time of the hearing, shall result in a new hearing by a different hearing panel or hearing officer. The determinations of this panel or officer shall in no way be influenced or bound by the results of the original hearing.
- (E) On appeal, where charges resulted in suspension or dismissal, a student is allowed active representation by an adviser.
- (F) In residence halls, appeals from living unit commissions are referred to the hall director; appeals from director's administrative decision are referred to the area coordinator; appeals of area coordinators are referred to the associate director of residence and dining halls for residence life; appeals from decisions of hearing officers appointed by the dean of student life are referred to the dean of student life; appeals from cases heard by the dean are referred to the vice provost for student affairs; appeals from university court decisions in disciplinary hearings are referred to the dean of student life; appeals from council on academic misconduct are referred to the provost.

3335-27-08 Minor deviations from procedure.

A student and hearing panel or officer may agree in advance to minor deviations from procedure; such deviations are not then subject to appeal. Other minor deviations are acceptable as long as such deviations are not found upon appeal, as provided for in rule 3335-27-07 (A), to be unreasonably harmful to the student.

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Chapter 3335-29

UNIVERSITY SANCTIONS

3335-29-01 General.

Sanctions to be imposed upon students by the university are varied and may be imposed for violation of policies, rules, and regulations. When the sanctions are imposed, consideration will be given to individual mitigating circumstances as well as aggravating factors, such as, past misconduct by the student or failure of the student to fully comply with previous sanction conditions. Sanctions take effect immediately upon date of first notice, whether oral or written, unless otherwise specified within such notice.

3335-29-02 Warning admonition.

A warning letter of admonition to a student represents a formal statement for a specific conduct violation. Upon issuance of a formal letter of admonition, a discipline file is created in the office of the dean of student life. The file will be consulted in determining sanctions for any further proven code violations at a future date.

3335-29-03 Disciplinary probation.

Probation is a sanction that is given for a specified period of time. A discipline record is created in the office of the dean of student life. Misconduct during the probationary period may cause more serious disciplinary action to be taken. Written notice of probationary status is forwarded to the student's college. Conditions restricting the student's privileges or eligibility for activities may be imposed. Such privileges and eligibility are automatically restored upon completion of the probation period if the student has complied satisfactorily with all conditions and refrained from further code violations.

3335-29-04 Suspension and dismissal.

(A) Suspension.

Suspension is a sanction by which the student is involuntarily separated from the university for a period not to exceed three full academic quarters following the effective date specified in the sanction letter. Eligibility for reenrollment is restored upon expiration of suspension.

(B) Dismissal.

Dismissal is a sanction by which the student is involuntarily separated from the university for four full quarters or more following the effective date specified in the sanction letter. Reenrollment of the student at the university after dismissal is not guaranteed. The student must reapply for admission to the university.

(C) Conditions of suspension and dismissal.

**AMENDMENTS TO THE OHIO STATE UNIVERSITY
CODE OF STUDENT CONDUCT (contd)**

- (1) A student who has been dismissed or suspended from the university:

- (a) shall be denied all privileges accorded a student; and
- (b) shall be required to leave campus at a time determined by the hearing officer or panel.

However, the dismissed or suspended student:

- (i) may petition to the vice president for academic affairs and provost for entrance to the campus for a specified purpose; and
 - (ii) has the right of appeal to remove or to reduce the terms of this condition. The appeal procedures will be specified in every sanction letter.
- (2) Upon reinstatement, a student may be required to meet certain other conditions imposed by the hearing body such as ineligibility to participate in specified student activities; or ineligibility to participate in intercollegiate events; or periodic contact with a designated university staff member or counseling agency, to the extent that such conditions pertain to the original offense.

Depending upon the merits of the individual case, and recommendation from the coordinator of the committee on academic misconduct, the coordinator of judicial affairs, or the dean of the student's college, these conditions may be waived by the vice president for academic affairs and provost, or designee, at the time of the student's reinstatement.

3335-29-05 Interim suspension.

When the vice president for academic affairs and provost is given reasonable cause to believe that a student has violated university rules and there is reasonable cause to believe that the student's presence on campus constitutes a clear danger to the university community or creates a substantial risk of injury to any person on university premises, the student may be immediately suspended from university premises. This temporary suspension is imposed pending the initiation of a full hearing without undue delay on the merits of the case in accordance with the rules of the Ohio state university. The student may request, in writing, an appeal of the interim suspension to the vice president for academic affairs and provost, within three working days of imposition of the suspension. An appeal hearing will be conducted without undue delay by the vice president for academic affairs and provost, or the vice president's designee.

3335-29-06 Restitution.

Restitution is a sanction that requires the student to make reimbursement for damages to, destruction or misappropriation of university property or services, or the property of any person. This sanction may be ordered in lieu of or in connection with another sanction.

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**AMENDMENTS TO THE OHIO STATE UNIVERSITY
CODE OF STUDENT CONDUCT (contd)**

3335-29-07 Other sanctions.

Other sanctions that the hearing officer or panel deems appropriate to the student and the conduct violation in question may be imposed. For example, research assignments, community service projects, and special workshop participation can be assigned as recommended sanctions or as conditions to another sanction. In cases of academic misconduct, a failing grade may be recommended for the academic coursework. In residence halls, other sanctions may include contract termination or reassignment to another room. Non-residence hall hearing officers or panels may recommend sanctions of this type to the office of residence life.

Failure to meet requirements of any sanction in the time allotted or a repetition of misconduct may result in an extension of the period of sanction or imposition of a more severe sanction.

3335-29-08 Concurrent jurisdiction.

A student whose conduct has been found to be in violation of established university rules and regulations also may be subject to other appropriate actions by individual university offices. An incident may result in criminal or civil charges as well as a university disciplinary action. Unless otherwise provided by law, disciplinary and court proceedings may occur concurrently.

3335-29-09 Registered student organization sanctions.

Registered student organizations may lose privileges or registration for violation of the code or the regulations contained within the student organization handbook.

Chapter 3335-31

HEARING BODIES

3335-31-01 Jurisdiction.

Except for conduct that occurs on regional campuses and the agricultural technical institute, the following hearing bodies decide cases occurring on the Columbus campus involving student conduct in violation of the rules, policies and regulations of the university. These hearing bodies may establish and promulgate their own operating procedures in accordance with university regulations and procedures. Such procedures shall be made available to students. On the regional campuses, and the agricultural technical institute, similar hearing processes and procedures shall be created, as necessary, and promulgated on each campus as appropriate and as approved by the vice president for academic affairs and provost. Students on regional campuses and the agricultural technical institute are, therefore, advised to consult regional campus publications for details on these local procedures.

3335-31-02 Committee on academic misconduct.

- (A) The committee shall investigate or establish procedures for investigation of all reported cases of student academic misconduct

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AMENDMENTS TO THE OHIO STATE UNIVERSITY
CODE OF STUDENT CONDUCT (contd)

and decide upon suitable disciplinary action. However, the committee does not hear cases involving academic misconduct in professional colleges having a published honor code. These colleges shall follow their own codes and procedures which can be obtained in their respective central offices. The committee may, in its discretion, refer cases to the university judicial panel if it determines that the academic misconduct allegation is incidental to some other misconduct.

- (B) "Academic misconduct" is defined as any activity which tends to compromise the academic integrity of the institution, or subvert the educational process. Examples of academic misconduct include, but are not limited to:
- (1) Violation of course rules as contained in the course syllabus or other information provided the student; violation of program regulations as established by departmental committees;
 - (2) Providing or receiving information during quizzes and examinations such as course examinations and general examinations; or providing or using unauthorized assistance in the laboratory, at the computer terminal, or on field work;
 - (3) Plagiarism, including the use of term papers or laboratory reports from any source other than the student's own work;
 - (4) Falsification, fabrication, or dishonesty in reporting research results;
 - (5) Serving as, or enlisting the assistance of, a "ringer" or substitute for a student in the taking of examinations;
 - (6) Alteration of grades or marks by the student in an effort to change the earned grade or credit; and
 - (7) Alteration of university forms used to drop or add courses to a program, or unauthorized use of those forms.
- (C) All cases of suspected misconduct shall be reported to the committee. The committee also shall investigate cases of lax or irregular examination methods and report findings to the vice president for academic affairs and provost. Students have the obligation to report suspected misconduct or irregular or lax examination methods. The committee may impose any code sanction. The committee consists of:
- (1) Fifteen faculty members elected by the university senate for three-year terms; beginning with summer quarter, the election to be held annually so that five members will retire each year. No member of the university faculty may serve more than two consecutive terms;
 - (2) Five graduate student members appointed in the summer quarter by the president of the council of graduate students, with the approval of the council of graduate students, for a one-year term beginning with the autumn quarter;

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AMENDMENTS TO THE OHIO STATE UNIVERSITY
CODE OF STUDENT CONDUCT (contd)

- (3) Five undergraduate student members appointed in the spring quarter by the president of the undergraduate student government, with the approval of the undergraduate student assembly, for a one-year term beginning with the summer quarter;
 - (4) The dean of student life, or designee, ex-officio and without vote; and
 - (5) A coordinator, appointed by the vice president for academic affairs and provost, ex-officio and without vote and charged with assisting the committee in administrative matters. The coordinator does not participate in the decisions of the committee.
- (D) The committee on academic misconduct establishes panels from its membership with student/faculty ratios at least as great as that of the full committee to conduct hearings and make decisions with the same authority as the full committee on academic misconduct.
- (E) The committee on academic misconduct establishes rules and procedures to conduct hearings, including the definition of a quorum.
- (Details of rule 3335-5-487 of the Administrative Code, which defines the committee on academic misconduct, and committee procedures are available from the office of the vice president for academic affairs and provost.)

3335-31-03 University judicial panel.

The panel hears cases of non-academic misconduct referred by the coordinator of judicial affairs, except for cases involving disruption or professional college codes. The panel may hear cases referred by the committee on academic misconduct. The panel is authorized to impose any code-authorized sanction. The panel consists of:

- (A) A chairperson (faculty or administrative staff member) appointed by the dean of student life;
- (B) Three faculty members recommended to the dean by the vice president for academic affairs and provost for three-year terms, annually appointed so that one member retires each year; and
- (C) Three student members, selected from a total group of seven: three undergraduate students, appointed by the president of the undergraduate student government; two graduate students, appointed by the president of the council of graduate students; and, two professional students, appointed by the president of the inter-professional council. Selection for each panel hearing will be made to reflect the undergraduate, graduate or professional status of the accused student. All student appointments shall be for one-year terms.
- (D) The coordinator of judicial affairs shall serve ex-officio as panel coordinator without a vote.
- (E) The dean of student life will appoint a panel composed of six members with expertise to include, but not be limited to, sexual harassment cases or those with racial overtones. This panel will serve as a resource for information concerning a variety of cases.

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AMENDMENTS TO THE OHIO STATE UNIVERSITY
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One member from this panel of experts may be selected by the coordinator of judicial affairs, to serve as a member of the university judicial panel as the case warrants. The expert panel member will participate in the entire case, but will not vote at the conclusion of the deliberations.

3335-31-04 Residence hall living unit commissions.

The commission may only hear cases, referred by a residence hall hearing officer, that involve code violations which occur within the residence halls, whether committed by residents or non-residents. The commissions are composed of students from each living unit, and may recommend any sanction to the hearing officer, with the exception of suspension or dismissal. During the hearing, should new facts emerge that indicate that the violation may be serious enough to warrant suspension or dismissal, the commission will adjourn and refer the case back to the hearing officer for referral to the dean of student life, or the dean's designee.

3335-31-05 Administrative hearings.

The coordinator of judicial affairs and hearing officers designated by the dean of student life may investigate and conduct administrative hearings of alleged non-academic code violations. If the student so requests and waives the notice period, the coordinator of judicial affairs or hearing officer may hear cases administratively after investigation, or refer them to the university judicial panel.

After investigation, residence hall hearing officers also may conduct administrative hearings. The residence hall hearing officer may hear cases administratively rather than refer them to the commission, if the student so requests. The student must request, in writing, an administrative or commission decision. The residence hall hearing officer must refer cases to the coordinator of judicial affairs if suspension or dismissal is believed a possibility.

3335-31-06 University court.

- (A) The university court will hear campus election disputes, undergraduate student government impeachment proceedings, and contested student traffic violations. The court shall interpret the undergraduate student government constitution as applied to students and student organizations. The court shall be empowered to issue restraining orders when the conduct of the student organization is in violation of the undergraduate student government constitution and to terminate student organization registration until compliance.
- (B) The court consists of a magistrate, chief justice and five prosecutor/defenders in accordance with committee rules.

3335-31-07 Hearing panels on campus disruption.

In accordance with the university disruption rule and the Ohio Campus Disruption Act, cases involving disruption of university activities will be heard by a special hearing body or officer. (For details on hearing officers, panels, and procedures, see rules 3335-11-02, 3335-11-021, and 3335-11-022 of the Administrative Code, and sections 3345.22 to 3345.26

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AMENDMENTS TO THE OHIO STATE UNIVERSITY
CODE OF STUDENT CONDUCT (contd)

of the Ohio Revised Code. These rules are available in the office of student life.)

SELECTED RULES AND REGULATIONS

The following rules and regulations may be obtained from the office of student life or the ombudsman:

Conditions for disenrollment from a course
faculty rule 3335-7-33

Improper admission or registration
faculty rule 3335-9-20

Alterations of marks
faculty rule 3335-7-23

Ohio Campus Disruption Act
Ohio Revised Code 3345.21 - 3345.26

Procedures for hearing officers and panels
faculty rule 3335-11-02, 3335-11-021 and 3335-11-022

Guest speakers
faculty rule 3335-5-06

Drives and canvassing
faculty rule 3335-13-01

Control of dogs and other animals
faculty rule 3335-13-05

Smoking-tobacco
faculty rule 3335-13-02

Duplication of keys
faculty rule 3335-13-04

Medical examination and enrollment denial for medical reasons
faculty rule 3335-9-08

Withdrawal for medical reasons
faculty rule 3335-9-081

Residence and Dining Halls Guidebook

AUTHORITY SECTION

The bylaws of the university board of trustees and rules of the university faculty provide that the university president shall have the final responsibility and authority for the discipline of all students of the university.1/ This responsibility and authority has been delegated by the president to the vice provost for student affairs, whose office is also charged with responsibility for promulgation of rules governing student conduct.2/

February 5 and 6, 1987 meeting, Board of Trustees

AMENDMENTS TO THE OHIO STATE UNIVERSITY
CODE OF STUDENT CONDUCT (contd)

The deans of colleges and of the graduate school, the directors of schools, and the chairpersons of departments, respectively, are responsible to the president through regular disciplinary channels for the discipline of all students in the activities of their respective colleges, schools, and departments.^{3/} Likewise, the deans and directors of the regional campuses are responsible to the president through the vice president for academic affairs and provost for the discipline of all students in the activities of their respective campuses.

The Ohio state university code of student conduct is an official publication of the university board of trustees. All petitions for revision and amendment of this student code should be submitted through the office of the vice provost for student affairs. Proposed revisions to the code shall be reviewed, in draft form, by the office of the president, the office of academic affairs, and the steering committee of the university senate before being presented for approval to the university senate by the council on student affairs. No revision shall become effective unless approved by the university board of trustees and until printed notice of such revision is made available to students.

The code applies to all students. Students attending at regional campuses and the agricultural technical institute are advised to consult their local campus publications for additional information pertaining to those campuses.

1/ Rule 3335-11-01 (A)

2/ Rule 3335-3-174

3/ Rule 3335-11-01 (B)

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to The Ohio State University Code of Student Conduct be adopted as recommended by the University Senate.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 87-78

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the December 5, 1986 meeting of the Board, including the following Changes in Title, Appointments, Reappointment of Principal Administrative Official, Appointment of Chairpersons of Departments, Reappointment of Chairpersons of Departments and Director of Center, Leaves of Absence Without Salary, Leave of Absence Without Salary--Continuation, Professional Improvement Leaves, Professional Improvement Leave--Change of Dates, Professional Improvement Leave--Continuation, and Emeritus Titles as detailed in the University Budget be approved, and the Medical Staff--Appointments approved December 18, 1986, by the Hospitals Board be ratified.

February 5 and 6, 1987 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Changes in Title

Name: CHARLES E. CORBATO
Title: Associate Provost/Professor
Office/Department: Academic Affairs/Geology and Mineralogy
Effective: January 1, 1987
Salary: \$75,000.00
Present Position: Professor, Department of Geology and Mineralogy

Name: HOWARD L. GAUTHIER
Title: Associate Provost/Professor
Office/Department: Academic Affairs/Geography
Effective: January 1, 1987
Salary: \$80,040.00
Present Position: Professor, Department of Geography

Name: BARBARA M. NEWMAN
Title: Associate Provost/Professor
Office/Department: Academic Affairs/Family Relations and Human Development
Effective: January 1, 1987
Salary: \$75,000.00
Present Position: Chairperson/Professor, Department of Family Relations and Human Development

Appointments

Name: PETER W. CULICOVER
Title: Associate Provost/Professor
Office/Department: Academic Affairs/Linguistics
Effective: July 1, 1987
Salary: \$85,000.00
Present Position: Acting Dean, School of Social and Behavioral Sciences, University of Arizona

Name: KIRKLYN M. KERR
Title: Director/Professor
Center/Department: Ohio Agricultural Research and Development Center/
Poultry Science
Effective: June 1, 1987
Salary: \$83,520.00
Present Position: Head and Professor, Department of Veterinary Science, and Assistant Dean, School of Veterinary Medicine, Louisiana State University

Name: HAROLD SHECHTER
Title: Professor (The M. S. Newman Professorship)
Department: Chemistry
Effective: March 1, 1987
Salary: \$59,724.00
Present Position: Professor, Department of Chemistry

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PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: DONALD V. UNVERFERTH
Title: Professor (John Hay and Ruth Jansson Wilson Professorship in Cardiology)
Department/Division: Internal Medicine/Cardiology
Effective: December 1, 1986
Salary: \$92,040.00
Present Position: Professor, Department of Internal Medicine, Division of Cardiology

Reappointment of Principal Administrative Official

ANDREW J. BROEKEMA, Dean of the College of The Arts, effective February 1, 1987, through January 31, 1992, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment of Chairpersons of Departments

October 1, 1986 through September 30, 1990

Psychology James C. Naylor

January 1, 1987 through June 30, 1987

Family Relations and Human Development Patrick C. McKenry*

January 1, 1987 through December 31, 1991

Animal Science Charles F. Parker

Reappointment of Chairpersons of Departments and Director of Center

January 1, 1987 through June 30, 1987

Melton Center for Jewish Studies Marc L. Raphael

January 1, 1987 through December 31, 1991

Veterinary Clinical Sciences William W. Muir III

July 1, 1987 through June 30, 1988

Art Charles W. Massey, Jr.

*Acting Chair

Leaves of Absence Without Salary

CHARLES M. ATKINSON, Associate Professor, School of Music, effective Winter Quarter and Spring Quarter 1987, to accept a Visiting Professorship in Music at The University of North Carolina at Chapel Hill.

February 5 and 6, 1987 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

MARGARET M. O'DOUGHERTY, Assistant Professor, Department of Pediatrics, effective October 27, 1986, through December 31, 1986, for personal reasons.

CATHERINE L. WOOD, Assistant Professor, Departments of Medicine and Pharmacology, effective December 8, 1986, through April 30, 1987, for medical reasons.

Leave of Absence Without Salary--Continuation

BERYL J. JACKSON, Assistant Professor, Cooperative Extension Service, effective December 1, 1986, through December 31, 1986, for medical reasons.

Professional Improvement Leaves

C. RICHARD DORN, Chairperson and Professor, Department of Veterinary Preventive Medicine, effective August 1, 1987, through July 31, 1988.

ROBERT W. CANZONERI, Professor, Department of English, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

JOHN A. M. ROTHNEY, Professor, Department of History, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

CHARLES E. GRIBBLE, Associate Professor, Department of Slavic and East European Languages and Literatures, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

DAVID J. HART, Associate Professor, Department of Chemistry, effective Autumn Quarter 1987 and Winter Quarter 1988.

MICHAEL B. HOWIE, Associate Professor, Department of Anesthesiology and College of Pharmacy, effective June 1, 1987 through May 31, 1988.

LISA J. KISER, Associate Professor, Department of English, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

GRINOR ROJO, Associate Professor, Department of Romance Languages and Literatures, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

TAMAR RUDAVSKY, Associate Professor, Department of Philosophy, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

STEWART D. SHAPIRO, Associate Professor, Department of Philosophy (Newark), effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

Professional Improvement Leave--Change of Dates

BERNARD J. LALONDE, Professor, Academic Faculty of Marketing, change leave from Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to Winter Quarter, Spring Quarter and Autumn Quarter 1987.

February 5 and 6, 1987 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leave--Continuation

JAMES R. MORITA, Associate Professor, Department of East Asian Languages and Literatures, effective Spring Quarter 1987.

Emeritus Titles

ELMER F. BAUMER, Office of Academic Affairs Administration and Department of Agricultural Economics and Rural Sociology, with the title Associate Provost and Professor Emeritus, effective February 1, 1987.

ROBERT E. GEORGES, College of Business Administration and Academic Faculty of Management and Human Resources, with the title Associate Dean and Associate Professor Emeritus, effective March 1, 1987.

WOODFORD W. ZIMMERMAN, Lima Campus and School of Music, with the title Associate Dean and Associate Professor Emeritus, effective December 1, 1986.

HARRY H. CHANDLER, College of Dentistry - Restorative Dentistry, with the title Professor Emeritus, effective February 1, 1987.

ROBERT KAPLAN, School of Health, Physical Education, and Recreation, with the title Professor Emeritus, effective February 1, 1987.

JOHN M. MUSTE, Department of English, with the title Professor Emeritus, effective February 1, 1987.

CLYDE K. SMITH, Department of Veterinary Preventive Medicine, with the title Professor Emeritus, effective October 1, 1986.

FREDERICK D. STOCKER, Department of Economics and School of Public Administration, with the title Professor Emeritus, effective January 1, 1987.

HARRY E. EZELL, Department of Obstetrics and Gynecology, with the title Clinical Professor Emeritus, effective January 1, 1987.

MARJORIE P. MCMILLIN, College of Social Work, with the title Associate Professor Emeritus, effective January 1, 1987.

RALPH H. ROSENBLUM, College of Dentistry - Restorative Dentistry, with the title Associate Professor Emeritus, effective February 1, 1987.

ELDON M. FREESE, College of Dentistry - Restorative Dentistry, with the title Assistant Professor Emeritus, effective February 1, 1987.

JOHN R. KNODERER, College of Dentistry - Restorative Dentistry, with the title Assistant Professor Emeritus, effective February 1, 1987.

Upon motion of Mr. Immke, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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February 5 and 6, 1987 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 87-79

Synopsis: Resolutions honoring the service of five of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Fred E. Deatherage

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 20, 1986, of Fred E. Deatherage, Professor Emeritus in the Department of Biochemistry.

Dr. Deatherage was born in 1913 in Waverly, Illinois. He received his B.A. from Illinois College, Jacksonville, Illinois, in 1935; his M.A. from the University of Illinois, Urbana, in 1936; and his Ph.D. in 1938 from the State University of Iowa, Iowa City, Iowa. His honors included Phi Beta Kappa, Sigma Xi, Phi Lambda Upsilon, and Gamma Sigma Delta.

Dr. Deatherage joined the faculty at Ohio State as an Assistant Professor in 1946 and became Professor and Chairman of the Department of Agricultural Biochemistry in 1951. In 1960, he was appointed by the U.S. Government as a member of a seven-man delegation to Russia, to study food production, processing, and supply problems in the USSR. From 1964-1968 he was on leave from the University to participate in AID-Brazil, Piracicaba, Brazil. He retired from The Ohio State University in 1981.

Dr. Deatherage produced 75 original papers of a research nature, a textbook for a course he taught for many years in biochemical nutrition, and held many research grants, both public and private, to support his research in food science. He was especially interested in the biochemical nature and quality of meat and other foods, and served as a consultant for food industries. He lectured locally, nationally, and internationally on the subject that he wrote on extensively, Food for Life (incidentally, the title of his textbook).

Dr. Deatherage maintained an intense interest in developing biochemistry at The Ohio State University. On the occasion of the centennial of The Ohio State University, the Board of Trustees requested each unit to prepare a history of its work "to assess our first 100 years and to utilize this heritage as a foundation for building an even greater institution." Dr. Deatherage saw this request as a deep responsibility to trace from its origin (as a Professorship in Agricultural Chemistry, created in 1882), the development into a Faculty of Biochemistry and Molecular Biology, changed in 1970 to the Department of Biochemistry in the College of Biological Sciences. Dr. Deatherage produced an exhaustive history of this development which he called "Liberal Academic Conservatism, Conservative Academic Liberalism, and Biochemistry: A History of the Academic Faculty of Biochemistry and Molecular Biology, College of Biological Sciences, The Ohio State University" (unpublished).

Professor Deatherage was an outstanding teacher whose many graduate students achieved goals that gave him much satisfaction. His special role in encouraging younger scholars in teaching and research was evident

February 5 and 6, 1987 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Fred E. Deatherage (contd)

to all. He gave the University 40 years of devoted service. A complete record of his efforts is found in work cited above.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Deatherage its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Martha P. Lawry

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 16, 1986, of Martha P. Lawry, Assistant Professor Emeritus in the University Libraries.

Professor Lawry was born in 1925 and spent her formative years in Clyde, Sandusky County, Ohio. She held a B.A. degree (with distinction) from the College of Wooster; a M.A. (Speech) from Northwestern University; and a M.S. (Library Science) from Case Western Reserve University. Among honors awarded Ms. Lawry were membership in Phi Beta Kappa, Delta Sigma Rho (Public Speaking), and Beta Phi Mu (Library Science).

Ms. Lawry held several positions in the University Libraries during her decade of service (1976-1986) to Ohio State, among them Head of the Women's Studies Library (1979-1980) and Head of the Catalog Department (1982-1986). She was also an active member of many professional organizations and held several positions of leadership, including service as a member of the Executive Board of the Academic Library Association of Ohio, and of the Board of Directors of the Ohio Library Foundation. She contributed substantively to the literature of women's studies and librarianship, especially as co-editor and editor (1979-1980) of Women's Studies Review. She became a thoughtful essayist on the role of catalogers in the age of online catalogs and a strong advocate for the involvement of all librarians, especially catalogers, in the bibliographic instruction of students and other users of libraries. Her last article, "Subject Access in the Online Catalog: Is the Medium Projecting the Correct Message?" was published in Research Strategies in Summer 1986. She retired from The Ohio State University in October 1986 and was named Assistant Professor Emeritus.

A highly intelligent, well-educated, and dedicated librarian, Professor Lawry analyzed issues clearly and expressed her ideas and research findings with style and wit, and always with full sensitivity to the values and feelings of others. She became a natural leader in the University Libraries out of a sense of duty to Ohio State, the Libraries, and the profession of librarianship, but most of all out of a strongly felt sense of responsibility to her colleagues. As much as Ms. Lawry was a leader, she was a confidant, teacher, and mentor for many librarians, especially other women attempting to establish their own way and define their own identities. Martha Lawry will be missed by the many people at Ohio State who counted themselves fortunate to have known and worked with her.

February 5 and 6, 1987 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Martha P. Lawry (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Professor Lawry its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss that the family, the University and her many friends and associates have sustained.

C. Eugene Maynard

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 15, 1986, of C. Eugene Maynard, Dean/Director Emeritus of The Ohio State University Marion Campus.

Gene Maynard was born June 25, 1923, in Marion, Ohio. He graduated from Marion Harding High School with the class of 1941. Following service with the U.S. Infantry in Italy during World War II, he received a Bachelor of Science in Education degree (magna cum laude) from Bowling Green State University in 1950, and a Master of Arts degree in 1951.

Prior to joining The Ohio State University faculty, he taught at Marion Harding High School. When The Ohio State University opened its doors in Marion in 1957, Maynard was named director and continued to teach English and history at Harding. He also taught courses in history and education at Ohio Wesleyan University from 1954-1958.

In July 1965, Maynard accepted the appointment of full-time director of the Marion Campus. That same year funds were appropriated to establish a permanent Ohio State campus in Marion. He ably directed the transition from an afternoon and evening branch operation to a full daytime and evening campus beginning in the fall of 1968.

In 1970 he wrote the "Official Plan for the Establishment of the Marion County Technical Institute," now Marion Technical College, which was adopted by the Ohio Board of Regents. Also in 1970, upper division courses were added at the Marion Campus in elementary education.

Dean Maynard saw the campus grow from 165 students in 1957 to a high of 765 on January 31, 1980, the date of his retirement. John T. Mount, former Ohio State University Vice President for Regional Campuses said, "All who have been associated with Gene Maynard know of his sincere dedication to the profession of education and respect him for his steadfast integrity. Over the past 28 years he served as a valuable and faithful member of The Ohio State University administrative team."

Dean Emeritus Maynard was a member of St. Paul's Evangelical Lutheran Church, Kiwanis Club of Marion, the Marion County Mental Health Board, and was a past president of the Order of Symposiarchs. He held memberships in Phi Alpha Theta history honorary; Sigma Tau Delta English honorary; Kappa Delta Pi education honorary; and Omicron Delta Kappa leadership honorary. He was a member of the American Association for Higher Education.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board

February 5 and 6, 1987 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

C. Eugene Maynard (contd)

of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

W. Hugh Missildine

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 25, 1986, of W. Hugh Missildine, Professor Emeritus in the Department of Psychiatry.

Dr. Missildine was born July 23, 1915, and graduated from The University of Iowa Medical School in 1939. He completed residency training in general psychiatry and child psychiatry at Johns Hopkins, and has been a member of The Ohio State University College of Medicine faculty since 1949. He served for over two decades as a member of the regular faculty, and converted to clinical faculty status in 1976. In this role, he continued to contribute actively to the teaching programs of the Departments of Psychiatry and Pediatrics.

For many years, he was the only trained child psychiatrist in Central Ohio, and is recognized as the "grandfather of child psychiatry" in Central Ohio. He contributed invaluablely to the teaching of generations of medical students, residents, and fellows.

He authored a well-known book, Your Inner Child of the Past, which, in its innovative concepts, anticipated by several years the advent of transactional analysis. As editor of a monthly newsletter for pediatricians, he promoted child mental health on a national scope. He was highly respected in the community and nation.

On behalf of the University, the Board of Trustees expresses its sympathy and understanding to those who mourn for Professor Missildine. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Margaret M. Willis

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 5, 1986, of Margaret M. Willis, Associate Professor Emeritus in the Department of Educational Theory and Practice.

Professor Willis was born in 1899 in Port Clinton, New York. She received her Bachelor of Arts degree in history from Wellesley College in Massachusetts in 1919. After working as a governess in Japan and teaching high school in her native state of Washington, she earned a Master of Arts in Education from Columbia University in New York (1925). She then taught for a number of years in Switzerland and Turkey before joining the faculty in the College of Education.

As a teacher of history and social studies in the University School from 1932 to 1967, she inspired many students by instilling a curiosity for truth and a sense of independent inquiry. Her colleagues had a deep respect and love for her as a teacher and friend. Upon her retirement in 1967, Professor Willis was named Associate Professor Emeritus.

February 5 and 6, 1987 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Margaret M. Willis (contd)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Barone, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 87-80

Synopsis: The reports on contracts, grants, and gifts and the summaries for November and December 1986 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the months of November and December 1986 be approved.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR NOVEMBER 1986

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	43	\$2,623,940.00
Engineering Experiment Station	54	\$ 49,294.00
Total	97	\$2,673,234.00

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR NOVEMBER 1986 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The Jack L. Beal Fellowship (Graduate fellowship in the area of medicinal chemistry and pharmacognosy)	\$ 23,041.00
The Matthew J. Eggert Scholarship for Veterinary Medicine (Scholarships)	\$ 20,000.00
Dr. Carl F. Goll College of Medicine Scholarship Fund (Scholarships)	\$ 15,000.00
Drusilla Rennekamp Goll Business Scholarship Fund (Scholarships)	\$ 15,000.00
The John Wilson Black Lectures in Speech- Language-Hearing Science Fund (Support lecture series on topics related to speech and hearing science and communicative disorders)	\$ 5,990.00
The Ohio Sea Grant Advisory Service Endowment (Support worthy projects enhancing the benefits to the public and to the Uni- versity of the Ohio Sea Grant Program)	\$ 5,100.00
The Lok-Mayo Award for Excellence in Pharmacy (Support a Kappa Psi Fraternity active member, who has contributed to the College of Pharmacy)	\$ 5,000.00

Change of Name and Description of Named Fund

From: The M. S. Newman Fund
To: The M. S. Newman Professorship

SUMMARY FOR DECEMBER 1986

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	96	\$13,645,498.25
Engineering Experiment Station	20	\$ 593,952.00
Total	116	\$14,239,450.25

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR DECEMBER 1986 (contd)

The Ohio State University Development Fund

Establishment of Named Chair

The Berry Chair of New Technologies in Marketing
(College of Business)

Establishment of Named Funds

Walter A. and M. Irene Merriman Dental Student Loan Fund (Provide loans for students enrolled in the College of Dentistry)	\$	123,896.44
The James J. Kreglow Agricultural Education Scholarship Fund (Scholarships)	\$	15,150.00
Thomas H. Mallory Orthopaedic Fund Endowment (Provide resources for research in orthopaedics)	\$	15,000.00
Class of '49 Endowment for the College of Nursing (Provide funding for scholarships, equipment, research or archives)	\$	5,931.66
The Frank Kinnan Scholarship in Music (Scholarships)	\$	5,337.50
The City and Regional Planning Department Scholarships or Awards Fund (To fund graduate student scholarships or awards for academic achievement)	\$	5,000.00
Defiance County 4-H Endowment Fund (Support the Defiance County 4-H Program)	\$	5,000.00
Harrison County 4-H Endowment Fund (Support the Harrison County 4-H Program)	\$	5,000.00
The College of Nursing Minority Scholarship (Provide scholarships to minority students)	\$	5,000.00

Change of Name and Description of Named Fund

From: Schwartz Family Fund
To: The Schwartz Family Fund Lecture Series

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (cont'd)

THE OHIO STATE UNIVERSITY
OFFICE OF UNIVERSITY DEVELOPMENTJuly-December
1985-86 compared to 1986-87GIFT RECEIPTS BY DONOR TYPE

	Donors			Dollars		
	July	through	December	July	through	December
	<u>1985-86</u>	<u>1986-87</u>	<u>% Change</u>	<u>1985-86</u>	<u>1986-87</u>	<u>% Change</u>
Alumni	28,784	33,495	16	\$5,469,952	\$11,416,542	109
Non-Alumni	13,621	14,659	8	3,439,296	6,421,365	87
Corporations	905	1,004	11	3,471,734	5,914,730	70
Corporate Foundations	178	188	6	832,226	1,075,585	29
Private Foundations	80	83	4	2,232,518	1,623,435	(27)
Other	<u>340</u>	<u>429</u>	25	<u>794,999</u>	<u>1,549,195</u>	95
TOTAL	43,908	49,858	14	\$16,240,725	\$28,000,852	72

*** PRELIMINARY REPORT ***

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (cont'd)

The Ohio State University Campaign Progress Report Through December 31, 1986						
	<u>*Campaign Expectancies</u>	<u>Current Year Campaign Receipts July-Dec. 86)</u>	<u>Previous Years' Campaign Receipts As of June 30, 1986</u>	<u>Total</u>	<u>Campaign Goal</u>	<u>% Achieved</u>
Alumni	\$53,992,446	\$11,416,542	\$12,112,433	\$77,521,421	\$122,500,000	63
Friends	30,384,627	6,421,365	10,625,810	47,431,802	70,000,000	68
Corporations	11,689,100	8,539,510	15,929,855	36,158,465	122,500,000	30
Foundations	<u>2,725,000</u>	<u>1,623,435</u>	<u>3,425,615</u>	<u>7,774,050</u>	<u>35,000,000</u>	22
Univ. Dev. Totals	\$98,791,173	\$28,000,852	\$42,093,713	\$168,885,738	\$350,000,000	48
Grants Rec'd by Office of Sponsored Programs	<u> </u>	<u> </u>	<u>17,217,522</u>	<u>17,217,522</u>	<u> </u>	
Grand Total	\$98,791,173	\$28,000,852	\$59,311,235	\$186,103,260	\$350,000,000	53

*Defined as pledges and deferred commitments less payments already received.

*** PRELIMINARY REPORT ***

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - November 1986

Federal Research Contracts/Grants

\$423,347.00 - National Science Foundation, Washington, D.C., Development of Survey-Qualified Global Positioning System (GPS) Capability, Institute of Polar Studies (I.M. Whillans) and Departments of Geodetic Science and Surveying and Geology and Mineralogy (K. Kubik), 1 November 1986 through 31 October 1987. (Project 765773 - New)

\$164,389.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates, Department of Chemistry (D. Horton), 1 December 1986 through 30 November 1987. (Project 760025 - Continuation)

\$120,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Modeling Cumulative Damage Processes in Composite Laminates, Department of Civil Engineering (R.S. Sandhu), 1 October 1986 through 30 September 1987. (Project 764779 - Continuation)

\$118,294.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biosynthesis of Riboflavin and Related Compounds, Department of Chemistry (H.G. Floss), 1 December 1986 through 30 November 1987. (Project 763879 - Continuation)

\$105,000.00 - Department of Agriculture, Forest Service, St. Paul, Minnesota, High Temperature Wear Mechanisms of Tool Materials in Wood Machining, Department of Metallurgical Engineering (R.A. Rapp), 20 November 1986 through 30 September 1988. (Project 765796 - New)

\$82,681.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Free Flight Composite Head Development, Department of Mechanical Engineering (J.A. Collins), 1 October 1986 through 30 September 1987. (Project 765776 - New)

\$72,125.00 - National Aeronautics and Space Administration, Langley Research Center, Cleveland, Ohio, Study of Powder Agglomeration in a Microgravity Experiment, Department of Ceramic Engineering (J.D. Cawley), 25 November 1986 through 24 November 1987. (Project 765777 - New)

\$70,000.00 - National Science Foundation, Washington, D.C., The Role of Calcium in Root Growth and Gravitropism, Department of Botany (M.L. Evans), 1 November 1986 through 31 October 1987. (Project 765780 - Continuation)

\$65,365.00 - National Foundation for the Arts and Humanities, National Endowment for the Humanities, Washington, D.C., Rhetoric and Public Discourse Seminar, Department of English (E.P.J. Corbett), 1 October 1986 through 30 September 1987. (Project 765786 - New)

\$61,746.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Oxidate PMN/Periodontium Interaction in Oral Disease, Diagnostic Services (S.R.

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Mallery and C.M. Allen), and Department of Physiological Chemistry (A.J. Merola), 1 December 1986 through 30 November 1987. (Project 765142 - Continuation)

\$37,693.00 - Department of Agriculture, Animal and Plant Health, Hyattsville, Maryland, Evaluation of Economic and Epidemiologic Data from the National Animal Disease Detection System (NADDS), Department of Veterinary Preventive Medicine (G.Y. Miller and C.R. Dorn), 1 October 1986 through 30 September 1987. (Project 765325 - Continuation)

\$36,066.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Molecular Biology of the Extremely Thermophilic Archaeobacterium, *Methanothermus fervidus*, Department of Microbiology (J.N. Reeve), 1 April 1987 through 30 September 1987. (Project 765291 - Continuation)

\$13,501.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Analysis of Two Advanced Transonic Airfoils, Department of Aeronautical and Astronautical Engineering (G.M. Gregorek), 1 October 1986 through 30 November 1986. (Project 765448 - Continuation)

\$13,223.00 - International Development Cooperative Agency, Agency for International Development, Washington, D.C., U.S. AID Program Support Grant for Fiscal Year 1986-90, International Programs in Agriculture (F.J. Hitzhusen), 29 August 1986 through 30 June 1987. (Project 765750 - Continuation)

\$5,450.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Mental Retardation Training, Nisonger Center (G.E. Martin), 1 July 1986 through 30 June 1987. (Project 761169 - Continuation)

\$5,000.00 - Department of the Navy, David Taylor Naval Ship Research and Development Center, Bethesda, Maryland, Two Dimensional Airfoil Investigation, Department of Aeronautical and Astronautical Engineering (G.M. Gregorek), 1 October 1986 through 30 November 1986. (Project 765270 - Continuation)

\$430.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, Rockville, Maryland, Personality, Psychological Stress, and Immunocompetence, Department of Medical Microbiology and Immunology (M.R. Glaser) and Department of Psychiatry (J. Kiecolt-Glaser), 1 September 1986 through 31 August 1987. (Project 764961 - Continuation)

TOTAL - FEDERAL AWARDS

\$1,394,310.00

State of Ohio Research Contracts/Grants

\$249,294.00 - State of Ohio, Bureau of Employment Services, Columbus, Ohio, Follow-Up Survey of Title IIA and Title III JTP Ohio Clients and Employers, The National Center for Research in Vocational Education (C.K. Hansen), 5 November 1986 through 4 November 1987. (Project 765772 - New)

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$65,175.00 - State of Ohio, Board of Regents, Columbus, Ohio, Area Health Education Centers (Health Services Education), College of Medicine - Administration (G.L. Trzebiatowski), 1 October 1986 through 30 September 1987. (Project 765792 - Continuation)

\$5,464.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, OSU Gallery/Photography Series, College of The Arts - Administration (J.W. Green), 1 July 1986 through 30 June 1987. (Project 765789 - New)

TOTAL - STATE OF OHIO AWARDS \$ 319,933.00

Industrial Research Contracts/Grants

\$124,660.00 - CIBA-GEIGY Corporation, Summit, New Jersey, Efficacy and Tolerability of Anafranil versus Placebo in Obsessive-Compulsive Disorder, Department of Psychiatry (M.R. Mavissakalian), 1 November 1986 through 23 July 1988. (Project 765782 - New)

\$118,898.00 - American Electric Power, Lancaster, Ohio, Pre- and Post-1972 Reclamation Law Minesoils as Media for Tree Growth, Department of Forestry - OARDC (J.H. Brown and J.P. Vimmerstedt), 1 September 1986 through 1 November 1988. (Project 765784 - New)

\$25,000.00 - Schering Corporation, Kenilworth, New Jersey, A Prospective Randomized Trial of Alpha-2 versus Gamma Interferon versus a Combination of Alpha-2-IFN and Gamma IFN in Advanced Renal Cell Carcinoma, Department of Internal Medicine (J.J. Rinehart), 1 June 1986 through 31 December 1986. (Project 765787 - New)

\$12,322.00 - Norwich-Eaton Pharmaceuticals, Inc., Norwich, New York, The Neonatal Gnotobiotic Pig as a Host for a Model Campylobacter pyloridis Infection of the Upper GI Tract, Department of Veterinary Pathobiology (G.S. Krakowka), 23 June 1986 through 31 May 1987. (Project 765549 - Continuation)

\$10,280.00 - The Procter & Gamble Company, Cincinnati, Ohio, Effect of Topical Agents on Root Surface Caries in Rats, Oral Biology (S. Rosen), 1 September 1986 through 31 December 1986. (Project 765281 - Continuation)

\$7,000.00 - Bausch and Lomb, Rochester, New York, Ocular Response to Hard Gas Permeable Contact Lenses Worn Overnight for Extended Periods of Time, College of Optometry (J.T. Barr and G.J. Andrasko), 1 June 1986 through 31 May 1987. (Project 765344 - Continuation)

\$3,574.00 - Union Carbide Corporation, Bound Brook, New Jersey, Analysis and Assessment of Union Carbide's Test Certification Program, The National Center for Research in Vocational Education (G.K. Hansen), 1 November 1986 through 31 December 1986. (Project 765774 - New)

\$2,860.00 - Capital City Products, Columbus, Ohio, Structured On-The-Job Performance System (Phase 3), Department of Educational Policy and

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

Leadership (R.L. Jacobs), 1 May 1986 through 30 April 1987. (Project 765135 - Continuation)

TOTAL - INDUSTRIAL AWARDS \$ 304,594.00

Other Non-Federal Research Contracts/Grants

\$140,000.00 - University of Missouri, Columbia, Missouri, Electrochemical Factors in Fused Salt Enhanced Carbothermic Reduction, Department of Metallurgical Engineering (G.R. St.Pierre, R.A. Rapp, Y. Sahai and W.B. Johnson), 1 October 1986 through 30 September 1987. (Project 764365 - Continuation)

\$137,000.00 - American Cancer Society, New York, New York, Characterization of Mouse I Region Recombination Hot Spots, Department of Medical Microbiology and Immunology (W.P. Lafuse), 1 January 1987 through 31 December 1988. (Project 765788 - New)

\$81,728.00 - Indiana University, Bloomington, Indiana, Malaysia Cooperative Program, Department of Psychology (J.D. Nolan), Department of Communication (G. Berquist) and Marion Campus and Department of Psychology (D.J. Christie), 1 January 1987 through 31 December 1987. (Project 764972 - Continuation)

\$47,588.00 - Elsa U. Pardee Foundation, Midland, Michigan, Mechanisms of Leukemia-Induced Autoimmune Disease, Department of Veterinary Pathobiology (P.C. Stromberg), 1 January 1987 through 31 December 1987. (Project 765790 - New)

\$40,000.00 - Battelle Memorial Institute, Columbus, Ohio, Relation between Microstructure and Fracture Toughness in a High Toughness, Complex, Low Alloy Steel, Department of Metallurgical Engineering (J.P. Hirth), 1 June 1986 through 31 March 1987. (Project 764762 - Continuation)

\$39,110.00 - Illinois State Board of Education, Springfield, Illinois, Equal Opportunity through Vocational Education: A Model for Language Minority Females, The National Center for Research in Vocational Education (C.K. Hansen), 24 October 1986 through 30 June 1987. (Project 765781 - New)

\$29,141.00 - Helen Keller National Center for Deaf-Blind Youth and Adults, Sands Point, New York, Technical Assistance to Helen Keller National Center, Department of Human Services Education (T. Stephens), 1 October 1986 through 30 September 1987. (Project 765783 - New)

\$28,600.00 - American Honda Foundation, Torrance, California, A Study of Stress and Coping in the Process of Acculturation of Japanese Children in American Society, Department of Psychiatry (H. Koizumi), 4 November 1986 through 4 November 1988. (Project 765785 - New)

\$24,980.00 - Morris Animal Foundation, Englewood, Colorado, Serum Calcitriol in Chronic Renal Disease: Mechanisms of Dietary Control,

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Department of Veterinary Pathobiology (L.A. Nagode), 1 October 1986 through 30 September 1987. (Project 764422 - Continuation)

\$16,831.00 - University of Illinois at Chicago, Chicago, Illinois, Midwest Universities Consortium for International Activities, Inc., North Sumatra Project, Department of Mathematics (R.B. Brown), 16 June 1986 through 10 August 1986. (Project 765791 - New)

\$6,500.00 - American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Autologous Growth Factors of Epstein-Barr Virus Transformed Cells, Department of Medical Microbiology and Immunology (J.E. Shaw), 1 November 1986 through 31 October 1987. (Project 765775 - New)

\$5,000.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, The Treatment of Primary Breast Cancer, Department of Surgery (W.B. Farrar), 1 February 1986 through 31 January 1987. (Project 763659 - Continuation)

\$4,043.00 - South Carolina Electric and Gas Company, Columbia, South Carolina, Consortium for the Development of Instructor Training Materials for the Electric Power Industry, The National Center for Research in Vocational Education (C.K. Hansen), 1 November 1986 through 28 February 1987. (Project 765778 - New)

\$3,650.00 - The Columbus Foundation, Columbus, Ohio, Alfred L. Willson Conference Planning Grant, Department of Educational Policy and Leadership (L.L. Cunningham), 1 November 1986 through 31 October 1987. (Project 765771 - Continuation)

\$932.00 - Pennsylvania State Advisory Council for Vocational Education, Harrisburg, Pennsylvania, Technical Assistance for Pennsylvania State Advisory Council for Vocational Education, The National Center for Research in Vocational Education (C.K. Hansen), 1 October 1986 through 31 December 1986. (Project 768057 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 605,103.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$49,294.00 - from 37 sponsors of 54 development projects under the direction of three research areas.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Jack L. Beal Fellowship

The Jack L. Beal Fellowship was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from faculty, alumni, and friends of The Ohio State University College of Pharmacy.

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Jack L. Beal Fellowship (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for a graduate fellowship in the area of medicinal chemistry and pharmacognosy. The selection of the recipient shall be made by the faculty of the Division of Medicinal Chemistry and Pharmacognosy in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for pharmacy education.

The Matthew J. Eggert Scholarship for Veterinary Medicine

The Matthew J. Eggert Scholarship for Veterinary Medicine was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Matthew J. Eggert, D.V.M. '33, M.S. '35, of Harrisburg, Pennsylvania.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship funds to students in the College of Veterinary Medicine at the junior or senior class level, who demonstrate financial need and have excellent scholarship records. Preference will be given to students who show a special interest and aptitude in veterinary pathology. Selection of the award recipients shall be made by the University Committee on Student Financial Aid in consultation with the dean of the College of Veterinary Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for veterinary medicine education.

Dr. Carl F. Goll College of Medicine Scholarship Fund

The Dr. Carl F. Goll College of Medicine Scholarship Fund was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. Carl F. Goll, M.D. '38, of Naples, Florida.

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Dr. Carl F. Goll College of Medicine Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide resources for a scholarship to be awarded to an outstanding student enrolled in the College of Medicine. Awards will be made by the University Committee on Student Financial Aid in consultation with the dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Medicine.

Drusilla Rennekamp Goll Business Scholarship Fund

The Drusilla Rennekamp Goll Business Scholarship Fund was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Drusilla Rennekamp (Mrs. Carl F.) Goll, B.S.Bus.Adm. '36, of Naples, Florida.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide resources for a scholarship to be awarded to an outstanding student enrolled in the College of Business. Awards will be made by the University Committee on Student Financial Aid in consultation with the dean of the College of Business.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Business.

The John Wilson Black Lectures in Speech-Language-Hearing Science Fund

The John Wilson Black Lectures in Speech-Language-Hearing Science Fund was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from John W. Black, Professor Emeritus in the Department of Communication.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**The John Wilson Black Lectures in
Speech-Language-Hearing Science Fund (contd)**

The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support a lecture series on topics related to speech and hearing science and communicative disorders. The fund will be administered by the administrative head of the Speech and Hearing Science Program.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Social and Behavioral Sciences.

The Ohio Sea Grant Advisory Service Endowment

The Ohio Sea Grant Advisory Service Endowment was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from committee members and supporters of the Ohio Sea Grant Program in the College of Biological Sciences.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support worthy projects enhancing the benefits to the public and to the University of the Ohio Sea Grant Program. The Advisory Service Program Coordinator, in consultation with the Executive Committee of the program, will have sole authority to authorize expenditures from the Fund, as approved by the dean of the College of Biological Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Biological Sciences.

The Lok-Mayo Award for Excellence in Pharmacy

The Lok-Mayo Award for Excellence in Pharmacy was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from S. Ray Lok, B.S.Pharm. '73, to honor his parents, Fee, B.F.A. '51, and Oilene Lok of Columbus,

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Lok-Mayo Award for Excellence in Pharmacy (contd)

Ohio; and his preceptors, James and Margaret Mayo, both B.S.Pharm. '53, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support a Kappa Psi Fraternity active member, who has demonstrated scholarship and leadership, and who has contributed to The Ohio State University College of Pharmacy in a worthwhile manner.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for pharmacy education.

Change of Name and Description of Named Fund

The M. S. Newman Professorship

The M.S. Newman Fund was established June 7, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family, friends and colleagues of Dr. Melvin S. Newman, of Columbus, Ohio. The name and description were changed February 6, 1987.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Dr. Newman, Regents Professor of Chemistry, retired after 42 years on the chemistry faculty. The M.S. Newman Professorship recognizes a faculty member in the Department of Chemistry at The Ohio State University for the demonstrated excellence and creativity in and dedication to academic endeavors, especially teaching. Appointment to the Professorship will be for five years. The selection will be made by a Chemistry Department Committee, the Chairperson of the Chemistry Department, and the Dean of the College of Mathematical and Physical Sciences.

Should the need for this Professorship cease to exist, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Chairperson of the Department of Chemistry.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - December 1986

Federal Research Contracts/Grants

\$5,742,000.00 - Department of Education, Washington, D.C., The National Center for Research in Vocational Education, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 16 January 1987 through 15 January 1988. (Project 765190 - Continuation)

\$1,221,687.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Internal Medicine (W.B. Malarkey), 1 December 1986 through 30 November 1987. (Project 761196 - Continuation)

\$739,771.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Otitis Media with Effusion: Human Studies, Department of Otolaryngology (D.J. Lim), 1 December 1986 through 30 November 1987. (Project 760043 - Continuation)

\$281,424.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Phase I and Clinical Pharmacokinetic Studies of Anticancer Agents, Cancer Research Center and Department of Internal Medicine (M.R. Grever) and College of Pharmacy (L. Malspeis), 1 June 1985 through 30 April 1990. (Project 764860 - Continuation)

\$235,149.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Development of Animal Models Infected with Retroviruses for Testing of Antiviral Agents, Department of Veterinary Pathobiology (L.E. Mathes, R.G. Olsen and M.J. Tarr), 16 December 1985 through 15 December 1990. (Project 765188 - Continuation)

\$174,853.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Genetic and Molecular Studies of RNA Splicing, Department of Genetics (P.S. Perlman), 1 December 1986 through 30 November 1987. (Project 763452 - Continuation)

\$170,341.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Study of Biologically Active Microbial Metabolites, Department of Chemistry (H.G. Floss), 1 December 1986 through 30 November 1987. (Project 763393 - Continuation)

\$159,564.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Interaction of DNA Topoisomerases with Chromatin, Department of Microbiology (M.T. Muller), 1 January 1987 through 31 December 1987. (Project 763392 - Continuation)

\$158,424.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, In Situ T Cell Function in Rejecting Allografts, Department of Surgery (C.G. Orosz), 1 December 1986 through 30 November 1987. (Project 764493 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$138,700.00 - National Science Foundation, Washington, D.C., Micromechanisms of Polycrystalline Strain Propagation: Controlled Orientation and Applied Stress Fields, Department of Metallurgical Engineering (W.A.T. Clark, R.H. Wagoner and J.P. Hirth), 1 January 1987 through 31 December 1987. (Project 765832 - Continuation)

\$138,395.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Non-Nitrogen and Nitrogen Containing Dopamine Drugs, College of Pharmacy (D.D. Miller and N.J. Uretsky), 1 December 1986 through 30 November 1987. (Project 762967 - Continuation)

\$138,300.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Parallel, Real-Time Expert Systems, Department of Computer and Information Science (B. Chandrasekaran), 1 November 1986 through 31 October 1987. (Project 765808 - New)

\$126,160.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Regulation of Gene Expression in Neurospora, Department of Biochemistry (G.A. Marzluf), 1 January 1987 through 31 December 1987. (Project 760578 - Continuation)

\$122,093.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomimetic Metal Complexes of Macrocyclic Ligands, Department of Chemistry (D.H. Busch), 1 December 1986 through 30 November 1987. (Project 761501 - Continuation)

\$107,668.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, A Study of DNA Intercalating Aromatic Amino Azides, Department of Chemistry (M.S. Platz), 1 December 1986 through 30 November 1987. (Project 765804 - New)

\$104,268.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Strength and Structure of $GA_{1-x}In_x$ as Alloys, Department of Ceramic Engineering (K.T. Faber) and Department of Metallurgical Engineering (J.P. Hirth), 1 September 1986 through 31 August 1987. (Project 764977 - Continuation)

\$100,000.00 - Department of Energy, Argonne, Illinois, Hydrology and Geochemistry of Small Tundra Drainage Basins in Response to Active Layer Disturbance, Institute of Polar Studies and Department of Agronomy (K.R. Everett), 1 January 1987 through 31 December 1987. (Project 764231 - Continuation)

\$99,914.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Distributed Knowledge Base Systems for Diagnosis and Information Retrieval, Department of Computer and Information Science (B. Chandrasekaran), 1 December 1986 through 31 October 1987. (Project 765799 - Continuation)

\$96,598.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Pack Cementation Coating of Ni-Base and Co-Base Alloys to Combat Low Temperature Hot Corrosion, Department of Metallurgical

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Engineering (R.A. Rapp), 1 November 1986 through 31 October 1987.
(Project 765839 - New)

\$86,685.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Heat Transfer and Fluid Friction on Rough Turbine Blades, Department of Mechanical Engineering (L.S. Han), 1 October 1986 through 30 September 1987. (Project 765354 - Continuation)

\$82,168.00 - National Science Foundation, Washington, D.C., Paleobotany in Antarctica: Paleozoic and Mesozoic, Department of Botany and Institute of Polar Studies (T.N. Taylor), 1 November 1986 through 31 October 1987. (Project 765819 - New)

\$81,970.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Interaction between Tollmien-Schlichting Waves and Free Stream Disturbances in Boundary-Layer Flows, Department of Aeronautical and Astronautical Engineering (R.J. Bodonyi), 1 December 1986 through 30 November 1987. (Project 765803 - New)

\$80,024.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Effects of Ice Formation on 2-D Aerodynamic Shapes, Department of Aeronautical and Astronautical Engineering (M.B. Bragg and G.M. Gregorek), 1 December 1986 through 30 November 1987. (Project 762009 - Continuation)

\$60,000.00 - National Science Foundation, Washington, D.C., Mechanisms of Nucleoside Kinase Regulation, Department of Biochemistry (D. Ives), 15 January 1987 through 14 January 1988. (Project 764531 - Continuation)

\$57,251.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Multiple Hydrogen Bonding-Nucleic Acid Bases, Department of Chemistry (J. Hine and D.W. Meek), 1 December 1986 through 30 November 1987. (Project 763904 - Continuation)

\$50,000.00 - National Science Foundation, Washington, D.C., Paleozoic Fungi: Interactions with Vascular Plants, Department of Botany (T.N. Taylor), 1 February 1987 through 31 July 1988. (Project 765204 - Continuation)

\$49,895.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Hypothalamic Neuronal Sensitivity in Pregnant WKY/SHR Rats, Department of Physiology (J.A. Boulant and D. Christenson), 1 December 1986 through 30 November 1987. (Project 765130 - Continuation)

\$48,829.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Comparative Aspects of Peripheral Lung Mechanics, Department of Veterinary Physiology and Pharmacology (L.E. Olson), 1 December 1986 through 30 November 1987. (Project 765821 - New)

\$47,672.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Luteal

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Prostaglandins in Primate Early Pregnancy, Department of Dairy Science - OARDC and Department of Dairy Science (J.S. Ottobre), 1 December 1986 through 30 November 1987. (Project 765111 - Continuation)

\$40,000.00 - Environmental Protection Agency, Washington, D.C., Regulation of Hydrogenase and Methyl Co-Enzyme M Methyl Reductase in Methanogens, Department of Microbiology (J.N. Reeve), 6 January 1987 through 5 January 1988. (Project 765152 - Continuation)

\$40,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Decentralized Control and Identification Experiment for the NASA Langley Research Center SCOLE (Space Control Laboratory Experiment Program), Department of Electrical Engineering (U. Ozguner and S. Yurkovich), 1 January 1987 through 30 September 1987. (Project 765807 - Continuation)

\$32,611.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Cancer Education Program, Department of Surgery (W.B. Farrar) and College of Medicine - Administration (C.B. Meleca), 1 January 1987 through 31 December 1987. (Project 761412 - Continuation)

\$32,410.00 - Department of Agriculture, Forest Service, Hamden, Connecticut, Genetic Mosaics and Their Relationship to Patterns of Susceptibility to Insects and Diseases, Department of Forestry - OARDC (D.B. Houston), 30 September 1986 through 29 September 1989. (Project 765830 - New)

\$27,901.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Optical Scattering Studies, Department of Electrical Engineering, ElectroScience Laboratory (S.A. Collins, Jr.), 1 October 1986 through 30 June 1987. (Project 764394 - Continuation)

\$25,000.00 - Department of the Air Force, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Spectroscopy of Molecular Ions and Their Clusters, Department of Chemistry (T.A. Miller), 1 October 1986 through 30 September 1987. (Project 765285 - Continuation)

\$25,000.00 - Department of the Army, Army Materiel Development Readiness Command, Dover, New Jersey, Synthesis of Polynitro Cage Molecules, Department of Chemistry (L.A. Paquette), 7 May 1986 through 30 January 1987. (Project 765379 - Continuation)

\$25,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Experimental Study of Organized Structures in a Supersonic Shear Layer, Department of Mechanical Engineering (M. Samimy), 1 December 1986 through 30 November 1987. (Project 765794 - New)

\$24,775.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Line Generalization in Bathymetric Mapping, Department of Geodetic Science and Surveying (K. Kubik), 15 December 1986 through 14 December 1987. (Project 765816 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$17,684.00 - National Science Foundation, Washington, D.C., The Role of Idealizations and Approximations in Science and Engineering, Department of Philosophy (R.E. Laymon), 1 July 1987 through 30 November 1989. (Project 765810 - New)

\$10,885.00 - National Science Foundation, Washington, D.C., A Commodity Flow Alternative to Measuring Corporate Dominance, Department of Geography (R.W. Jackson), 16 June 1986 through 31 July 1987. (Project 765497 - Continuation)

\$10,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Antenna Studies, Department of Electrical Engineering, ElectroScience Laboratory (B.A. Munk), 1 October 1986 through 31 March 1987. (Project 764396 - Continuation)

\$801.00 - National Aeronautics and Space Administration, Marshall Space Flight Center, Marshall Space Flight Center, Alabama, Follow-up Support, Maintenance and Refinement for the MSFC Coaxial Welding Vision System, Department of Welding Engineering (R.W. Richardson), 1 November 1986 through 31 December 1986. (Project 763891 - Continuation)

Computer Time - National Science Foundation, Washington, D.C., Vibration Transmission Characteristics of Frictional Soil-Structure Interfaces Subjected to Impulsive Loading, Department of Engineering Mechanics (D.A. Mendelsohn), 15 December 1986 through 15 December 1987. (Project 764712 - Continuation) (Approximate Dollar Value - \$14,000)

Equipment - Department of Energy, Idaho Falls, Idaho, Energy-Related Laboratory Equipment, Engineering Experiment Station (J.W. Talmagi), 17 November 1986 through 31 January 1987. (Project 765818 - New) (Approximate Dollar Value - \$4,998)

TOTAL - FEDERAL AWARDS

\$11,011,870.00

State of Ohio Research Contracts/Grants

\$140,471.00 - State of Ohio, Department of Health, Columbus, Ohio, OSU High Risk Perinatal Project - Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1986 through 30 September 1987. (Project 765042 - Continuation)

\$100,000.00 - State of Ohio, Department of Development, Columbus, Ohio, Center for Commercial Development of Space Market Drive Research and Development-Pooled Account, Department of Geodetic Science and Surveying (I.I. Mueller), Office of Research and Graduate Studies (T.L. Sweeney) and Center for Mapping (J.D. Bossler), 1 November 1986 through 30 June 1987. (Project 765835 - New)

\$50,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Evaluation of the Ohio Education Coordination and Grants Program Funded by the Job Training Partnership Act, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 1 January 1987 through 30 June 1987. (Project 765824 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$48,000.00 - State of Ohio, Department of Commerce, Columbus, Ohio, Center for Real Estate Education and Research, College of Business - Administration (R.L. Racster), 1 January 1987 through 31 December 1987. (Project 765837 - Continuation)

\$18,000.00 - State of Ohio, Department of Health, Columbus, Ohio, Impact of Rape Education Strategies on College Students, Center for Women's Studies (M.M. Fonow) and Department of Sociology (L.W. Richardson), 1 October 1986 through 30 September 1987. (Project 765817 - New)

TOTAL - STATE OF OHIO AWARDS \$ 356,471.00

Industrial Research Contracts/Grants

\$186,300.00 - Martin Marietta Energy Systems, Inc., Oak Ridge, Tennessee, Adaptive Welding Control System, Department of Welding Engineering (R.W. Richardson), 27 August 1986 through 29 February 1988. (Project 765673 - New)

\$130,000.00 - Pfizer, Inc., Groton, Connecticut, Clinical Pharmacology Research Unit, Department of Pharmacology (N. Gerber), 1 October 1986 through 30 September 1987. (Project 760484 - Continuation)

\$84,600.00 - G.D. Searle & Co., Skokie, Illinois, Milacemide Multicenter Dose Response Study, Department of Neurology (M.E. Drake, Jr.), 1 December 1986 through 30 November 1987. (Project 765822 - New)

\$69,902.00 - Pfizer, Inc., Groton, Connecticut, Phase I Double-Blind, Placebo-Controlled Escalating Single Dose Pharmacokinetic and Toleration Study of Oral CP-66,948 in Normal Volunteers, Department of Pharmacology (N. Gerber), 1 October 1986 through 30 September 1987. (Project 765696 - Continuation)

\$69,623.00 - Tektronix, Inc., Vancouver, Washington, Assisting Tektronix, Inc., in Marketing to Postsecondary Institutions, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 1 December 1986 through 31 March 1987. (Project 765831 - New)

\$60,400.00 - Photomedica, Inc., Raritan, New Jersey, A Multicenter Comparative Study of the Safety and Efficacy of Photodynamic Therapy Utilizing Photofrin II versus Carbon Dioxide Laser Excision of Superficial Carcinoma of the Oral Mucosa, Department of Otolaryngology (D.E. Schuller), 1 October 1986 through 30 September 1988. (Project 765823 - New)

\$60,316.62 - E.I. duPont de Nemours, Wilmington, Delaware, Leukocyte Activated Killer (LAK) Cell Adoptive Transfer: A Proposal to Develop Optimal Induction of Guinea Pig and Human LAK Cell Activity in Vitro and to Test LAK Adoptive Transfer Therapy in a Guinea Pig Tumor Model, Department of Internal Medicine (J.J. Rinehart), 1 July 1986 through 12 February 1987. (Project 764609 - Continuation)

\$49,779.00 - Pfizer, Inc., Groton, Connecticut, Phase I Proportionality Study of 50 mg, 100 mg and 200 mg of the Commercial 50 mg Preparation of

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

Sertraline, Department of Pharmacology (N. Gerber), 1 October 1986 through 30 September 1987. (Project 765696 - Continuation)

\$48,352.00 - Ross Laboratories, Columbus, Ohio, Influence of Antibody X on the Colonization of the Chinchilla Nasopharynx with Streptococcus pneumoniae, Department of Otolaryngology (D. J. Lim), 1 November 1986 through 31 October 1987. (Project 765809 - New)

\$41,392.00 - Astra Lakemedel AB, Sodertalje, Sweden, Novel Drug Delivery Systems, College of Pharmacy (S. Frank), 1 January 1987 through 31 December 1987. (Project 762165 - Continuation)

\$26,270.00 - Triton BioSciences, Inc., Alameda, California, A Multicenter Open-Label Phase II Study to Evaluate the Safety and Efficacy of Escalating Doses of IFN- β in Intravenously in Patients with Advanced Renal Cell Carcinoma, Melanoma, or Non-Small Cell Lung Cancer, Department of Internal Medicine (J.J. Rinehart), 1 October 1986 through 30 September 1987. (Project 765800 - New)

\$24,931.00 - Sandia National Laboratories, Albuquerque, New Mexico, Determination of the Factors Controlling Hydrogen Absorption into Metals, Department of Metallurgical Engineering (B.E. Wilde), 1 September 1986 through 31 August 1987. (Project 765752 - Continuation)

\$24,931.00 - Sandia National Laboratories, Albuquerque, New Mexico, Development of Novel Protective Coatings for Steel, Department of Metallurgical Engineering (B.E. Wilde), 1 September 1986 through 31 August 1987. (Project 765753 - Continuation)

\$21,763.00 - Pfizer, Inc., Groton, Connecticut, Double-Blind Placebo-Controlled Ninety Day Toleration Study of CP-54,802, Department of Pharmacology (N. Gerber), 1 October 1985 through 31 October 1986. (Project 765696 - Continuation)

\$16,401.00 - Pfizer, Inc., Groton, Connecticut, Phase I Single-dose Bioequivalency Study of Sulbactam Sodium/Ampicillin Administered Intravenously to Normal Volunteers, Department of Pharmacology (N. Gerber), 1 October 1986 through 30 September 1987. (Project 765696 - Continuation)

\$13,129.00 - The Quaker Oats Company, Barrington, Illinois, A High Carbohydrate Diet during Intensive Physical Training: Effects on the Quality of Training Performance, School of Health, Physical Education and Recreation (D.R. Lamb), 17 November 1986 through 30 April 1987. (Project 765814 - New)

\$7,235.80 - A.H. Robins Company, Richmond, Virginia, Efficacy of AHR-5333B in Treating and/or Inhibiting Clinical Signs of Canine Atopy, Department of Veterinary Clinical Sciences (K.W. Kwochka), 1 December 1986 through 30 June 1987. (Project 765829 - New)

\$6,840.00 - Empire Chestnut Company, Carrollton, Ohio, Facilitated Harvesting of Chestnuts, Department of Horticulture - OARD and

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

Department of Horticulture (J.P. Dalmasso), 15 September 1986 through 31 March 1987. (Project 765813 - New)

\$4,728.83 - Boeing Company, Seattle, Washington, Compact Range Performance Analysis, Department of Electrical Engineering, ElectroScience Laboratory (J.D. Young), 1 June 1986 through 31 December 1986. (Project 765397 - Continuation)

TOTAL - INDUSTRIAL AWARDS \$ 946,894.25

Other Non-Federal Research Contracts/Grants

\$435,815.00 - University of Cincinnati, Cincinnati, Ohio, Area Health Education Center Program, College of Medicine - Administration (G.L. Trzebiatowski), 1 October 1986 through 30 September 1987. (Project 765686 - Continuation)

\$413,619.00 - University of Pennsylvania, Philadelphia, Pennsylvania, Conducting Electronic Polymers by Non-Redox Processes Synthesis, Physical Studies and Application, Department of Physics (A.J. Epstein), 15 September 1986 through 28 February 1987. (Project 765670 - New)

\$128,156.00 - The Children's Hospital, Boston, Massachusetts, Analysis of Normal and Abnormal Gait and Standing Posture in Children and Adults, Department of Surgery (S.R. Simon), 1 May 1986 through 31 January 1987. (Project 765815 - New)

\$39,336.00 - Battelle Memorial Institute, Richland, Washington, Modification of Hafnium Carbide (HfC) for Enhanced Oxidation Resistance through Additions of Praseodymium (Pr) and Tantalum (Ta), Department of Metallurgical Engineering (R.A. Rapp and G.R. St. Pierre), 14 September 1986 through 14 November 1987. (Project 765700 - New)

\$38,573.00 - South Dakota Council on Vocational Education, Pierre, South Dakota, Business Perceptions of Vocational Education, The National Center for Research in Vocational Education (C.K. Hansen), 7 November 1986 through 12 June 1987. (Project 765798 - New)

\$33,357.00 - International Studies Association, Columbia, South Carolina, Assistance in Disseminating Learning Resources on Global Education and Teacher Training, Merzhon Center for Education and Department of Political Science (J.E. Harf), 1 July 1986 through 30 June 1987. (Project 764287 - Continuation)

\$30,000.00 - University of Pennsylvania, Philadelphia, Pennsylvania, Phytopathological Influences Involved in the Decline of Red Spruce and Balsam Fir in New York, Laboratory for Environmental Science - OARDC (T.C. Weidensaul), 1 June 1986 through 31 May 1987. (Project 765806 - New)

\$24,368.00 - American Congress on Surveying and Mapping, Falls Church, Virginia, National Committee for Digital Cartographic Data Standards, Department of Geography (H. Moellerling), 1 October 1986 through 31 March 1987. (Project 764886 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$23,858.00 - University of Arkansas, Fayetteville, Arkansas, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 24 November 1986 through 30 June 1987. (Project 765826 - Continuation)

\$18,800.00 - The Columbus Foundation, Columbus, Ohio, Electronic Access to the Visual Arts: The Wexner Center's Art of the 70's Videodisc, Department of Communication (S.R. Acker) and College of The Arts - Administration (J.W. Green), 1 January 1987 through 31 December 1987. (Project 765795 - New)

\$15,000.00 - Parenteral Drug Foundation, Garden City, New York, Drug Entrapment within Natural Polymeric Systems: Albumin and Fibrin, College of Pharmacy (T.D. Sokoloski), 1 December 1986 through 30 November 1987. (Project 765825 - Continuation)

\$14,742.00 - Elsa U. Pardee Foundation, Midland, Michigan, Intravesical Chemotherapy for Bladder Cancer, College of Pharmacy (J.L.S. Au), 1 January 1987 through 31 December 1987. (Project 765834 - New)

\$13,920.00 - University of Chicago, Chicago, Illinois, Functions and Statistics with Computers, Department of Mathematics (J.E. Schultz), 1 July 1986 through 31 December 1986. (Project 765579 - Continuation)

\$13,340.00 - University of Virginia, Charlottesville, Virginia, Nuclear Reactor Operator Training for Disadvantaged Americans, Department of Mechanical Engineering (B.K. Hajek) and Engineering Experiment Station (R.D. Myser), 1 September 1986 through 31 August 1987. (Project 765797 - New)

\$12,500.00 - Deafness Research Foundation, New York, New York, Role of Fimbriae in the Adherence of Non-Typeable Hemophilus influenzae to Nasopharyngeal and Middle Ear Mucosa, Department of Otolaryngology (L.O. Bakaletz), 1 January 1987 through 31 December 1987. (Project 765827 - New)

\$10,600.00 - Ohio River Basin Consortium, Columbus, Ohio, Ohio River Basin Agreement, School of Natural Resources (C.B. Davis), 1 July 1986 through 30 June 1987. (Project 765812 - Continuation)

\$10,000.00 - Walla Walla Community College, Walla Walla, Washington; Triton College, River Grove, Illinois; Durham Technical Institute, Durham, North Carolina; Utah Technical College at Provo, Provo, Utah; and Community College of Rhode Island, Warwick, Rhode Island, National Postsecondary Alliance, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 1 July 1986 through 30 June 1987. (Project 765434 - Continuation)

\$8,550.00 - American Heart Association, Central Ohio Heart Chapter Inc., Columbus, Ohio, Pulmonary and Hemodynamic Performance in Apneic Oxygenation, School of Allied Medical Professions (P.D. Beckley), 1 January 1987 through 31 December 1987. (Project 765820 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$8,086.00 - Virginia Power, Richmond, Virginia, and The Cleveland Electric Illuminating Co., Cleveland, Ohio, Consortium for the Development of Instructor Training Materials for the Electric Power Industry, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 1 November 1986 through 28 February 1987. (Project 765778 - Continuation)

\$7,760.00 - City of Gatlinburg, Gatlinburg, Tennessee, The Development of Man and the Biosphere Educational Modules for K-8 Science and Social Studies Classes in Gatlinburg, Tennessee, Department of Natural Resources - OARDC and School of Natural Resources (G.W. Mullins), 1 October 1986 through 30 June 1987. (Project 765801 - New)

\$7,500.00 - Lilly Endowment, Inc., Indianapolis, Indiana, Establishing a National Cooperative on the Education and Employment of Teaching Assistants, Center for Teaching Excellence (A.S. Pruitt), 1 October 1986 through 31 December 1986. (Project 765793 - New)

\$6,095.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Early Childhood Referral Network, Nisonger Center (V.L. Reynolds), 1 November 1986 through 31 October 1987. (Project 765811 - Continuation)

\$5,288.00 - Cancer Therapy and Research Center, San Antonio, Texas, Central Office for the Developmental Biologicals Committee Activities of the Community Clinical Oncology Programs, Department of Internal Medicine (J.J. Rinehart), 1 September 1986 through 31 May 1987. (Project 765841 - New)

\$3,000.00 - Idaho State Board of Vocational Education, Boise, Idaho, and Institute for Enterprise Advancement, Washington, D.C., National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 1 July 1986 through 30 June 1987. (Project 765533 - Continuation)

\$3,000.00 - Ohio River Basin Consortium, Columbus, Ohio, Ohio River Basin Consortium Agreement, School of Natural Resources (C.B. Davis), 1 March 1986 through 30 June 1986. (Project 765812 - New)

\$2,000.00 - North Carolina State Board of Education, Raleigh, North Carolina, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (C.K. Hansen), 1 July 1986 through 30 June 1987. (Project 765533 - Continuation)

\$2,000.00 - Ohio Dairy Goat Association, Marion, Ohio, Mastitis in Goats: A Comparison of Milk Somatic Cell Counts and Milk Microbiology, Department of Veterinary Preventive Medicine (L. Heider), 1 December 1986 through 30 November 1987. (Project 765833 - New)

\$1,000.00 - The Columbus Jewish Foundation, Columbus, Ohio, Elegies: Sleep-Napalm-Night Sky, College of The Arts - Administration (J.W. Green), 1 July 1986 through 30 June 1987. (Project 765805 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 1,330,263.00

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$115,000.00 - The Ohio Industrial Commission, Columbus, Ohio, "Evaluation of the Motion Component in Manual Lifting, Stage 2," Department of Industrial and Systems Engineering, 1 January 1987 through 31 December 1987. (529720)

Industrial and Other Sponsored Research and Development

\$112,500.00 - from various industry for membership in "The Engineering Research Center on Net-Shape Manufacturing," Engineering Experiment Station. (529200)

\$99,000.00 - General Electric Company, Cincinnati, Ohio, "Gas Turbine Air Intake/Exhaust Test for the DDG-51 Main Propulsion Gas Turbine Modules," Department of Aeronautical and Astronautical Engineering, 1 December 1986 through 31 May 1987. (312895)

\$75,200.00 - General Electric Company, Cincinnati, Ohio, "Fabrication and Testing of Specific Configurations of a Simulator of the Unducted Fan Engine, GE36," Department of Aeronautical and Astronautical Engineering, 15 December 1986 through 30 June 1987. (312897)

\$51,218.00 - Additional funding from Sperry Corporation, Reston, Virginia, "Research on Radar Signal Processing for Aircraft Identification," Department of Electrical Engineering, 1 January 1986 through 14 January 1987. (529699, Ext. 1)

\$50,000.00 - Columbia Gas Service Corp., Columbus, Ohio, "Process Development of a Lime Regeneration Process Using Natural Gas," Department of Chemical Engineering, 1 November 1986 through 31 December 1987. (312892)

\$25,968.00 - Additional funding from General Electric Company, Schenectady, New York, "Ultrahigh Temperature Composite Materials," Department of Ceramic Engineering, 11 August 1986 through 30 June 1987. (312886, Ext. 1)

\$21,750.00 - Additional funding from General Electric Aircraft Engine Business Group, Cincinnati, Ohio, "Mechanisms of Particulate Inhibitor Oxidation Resistance in Carbon-Carbon Composites," Department of Ceramic Engineering, 1 June 1986 through 30 April 1987. (529708, Ext. 1)

\$13,000.00 - General Electric, Cincinnati, Ohio, "Fabrication and Checkout of the 1/12 Scale Model Ejector-Powered Simulator," Department of Aeronautical and Astronautical Engineering, 20 August 1986 through 31 December 1986. (312885)

\$9,900.00 - General Electric Company, Cincinnati, Ohio, "Testing of the CF6-80C2 Engine Simulator in a Model Test Cell," Department of Aeronautical and Astronautical Engineering, 1 December 1986 through 30 June 1987. (312896)

\$8,266.00 - from 5 sponsors of 8 development projects under the direction of two department/research areas.

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development (contd)

\$7,160.00 - Owens Corning Fiberglas, Inc., Granville, Ohio, "Mass Spectrometric Study of Glass Melt Vaporization," Department of Ceramic Engineering, 15 October 1986 through 15 March 1987. (312893)

\$4,990.00 - Battelle, Columbus, Ohio, and GRI, Chicago, Illinois, "Heat Exchanger and Cycle Analysis for an Internal Combustion Engine Heat Pump," Department of Mechanical Engineering, 1 September 1986 through 31 December 1986. (312891)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 478,952.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Chair

The Berry Chair of New Technologies in Marketing

The Berry Chair of New Technologies in Marketing was established February 6, 1987, by the Board of Trustees of The Ohio State University with support from The Ohio State University Foundation, which has established an endowed fund with gifts from L.M. Berry and Company of Dayton, Ohio.

Income provided by the Foundation shall be used to support the Berry Chair. The Chair shall be established to advance marketing and related technologies in the College of Business, Academic Faculty of Marketing, at The Ohio State University. Appointment to the Berry Chair will be recommended by the Dean of the College of Business to the Provost and approved by The Ohio State University Board of Trustees.

The individual appointed to this Chair should have a record of significant achievements in marketing and related technologies; personal qualities that enable the individual to inspire, instruct and motivate students toward innovative and productive careers in marketing and related technologies; demonstrated research capabilities; and the ability to work effectively with the professional community, industry and government.

The occupant of this Chair will be charged with the responsibility to develop and teach courses to prepare students for careers in the field of marketing and related new technologies; and to initiate and direct a program of research and development in the field.

Establishment of Named Funds

Walter A. and M. Irene Merriman Dental Student Loan Fund

The Walter A. and M. Irene Merriman Dental Student Loan Fund was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of M. Irene Merriman in memory of her husband, Dr. Walter A. Merriman, D.D.S. '30.

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Walter A. and M. Irene Merriman Dental Student Loan Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide loans for students enrolled in the College of Dentistry at The Ohio State University. Awards will be made by the University Committee on Student Financial Aid in coordination and consultation with the dean of the College of Dentistry.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Dentistry.

The James J. Kreglow Agricultural Education Scholarship Fund

The James J. Kreglow Agricultural Education Scholarship Fund was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from James A. Kreglow, B.S.Agr. '51, in honor of his father, James J. Kreglow, B.S.Agr. '27, teacher of vocational agriculture for 37 years in the State of Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Annual income shall be used to fund one or more undergraduate scholarships in the College of Agriculture with preference given to the students majoring in Agricultural Education. Selection criteria for the scholarship shall include academic achievement and/or financial need. The scholarship recipient shall be selected by the Chairperson of the Department of Agricultural Education and the assistant dean for student affairs in the College of Agriculture in consultation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Agriculture.

Thomas H. Mallory Orthopaedic Fund Endowment

The Thomas H. Mallory Orthopaedic Fund Endowment was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Thomas H. Mallory Orthopaedic Fund Endowment (contd)

to The Ohio State University Development Fund from Thomas H. Mallory, M.D. '65, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide resources for research in orthopaedics, specifically the biological facets of disease and injury such as genetics and bone morphogenesis, and to promote cross-disciplinary approaches to create new treatment methods. Should the fund in the future reach \$1,250,000, a chair would be established and be named the THOMAS H. MALLORY CHAIR IN ORTHOPAEDIC RESEARCH/SURGERY.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Medicine.

Class of '49 Endowment for the College of Nursing

The Class of '49 Endowment for the College of Nursing was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the College of Nursing Class of 1949. The Class of '49 gift was spearheaded by the efforts of Marie Sinsabaugh, Class President.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide funding for scholarships, equipment, research, or archives, based on the College's need as determined by the dean of the College of Nursing in conjunction with the appropriate committee (Scholarship Committee, Committee for Research, etc.) with the advice and counsel of the College fiscal officer.

As each award is made from the Class of '49 Endowment Fund, the Class of '49 will be notified of the decision through the class agent, Marie Sinsabaugh.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Nursing.

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Frank Kinnan Scholarship in Music

The Frank Kinnan Scholarship in Music was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family and friends of Frank Kinnan, B.S.Ed. '51.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be awarded to one or more outstanding students in the School of Music who anticipate careers as public school music teachers and who play a woodwind as their major instrument.

Recipients will be selected by the established procedures within the School of Music, with final approval by the director of the School of Music and the dean of the College of The Arts in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for academic programs in the School of Music.

The City and Regional Planning Department Scholarships or Awards Fund

The City and Regional Planning Department Scholarships or Awards Fund was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from faculty, staff, and friends of the Department of City and Regional Planning.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund graduate student scholarships, or awards for academic achievement in the field of city and regional planning. The scholarships and awards will be given by determination of a committee of faculty of the Department of City and Regional Planning, as appointed by the chairperson of that department, in consultation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**The City and Regional Planning Department
Scholarships or Awards Fund (contd)**

University who is then directly responsible for city and regional planning education.

Defiance County 4-H Endowment Fund

The Defiance County 4-H Endowment Fund was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Defiance County 4-H Committee and other friends of the Defiance County 4-H Program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this fund shall be used to support the County 4-H Program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members, volunteer leaders and friends of 4-H; sponsoring seminars and programs; and purchasing material or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Defiance County. All expenditures from this fund shall be approved by the Defiance County 4-H Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Ohio Cooperative Extension Service in consultation with a committee representing the local 4-H donors.

Harrison County 4-H Endowment Fund

The Harrison County 4-H Endowment Fund was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mrs. Merret Culbertson in honor of her late husband, Hugh W. Culbertson.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this fund shall be used to support any or all Harrison County 4-H Programs in a way that will directly benefit both male and female 4-H members. The income from this fund may be used to purchase teaching materials or to sponsor awards or other activities that will promote good citizenship and outstanding community service among Harrison County 4-H members.

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Harrison County 4-H Endowment Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the 4-H Program in Harrison County.

The College of Nursing Minority Scholarship

The College of Nursing Minority Scholarship was established February 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Ethelrine Shaw Nickerson, and other alumni/friends of the College of Nursing.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to minority students enrolled in the College of Nursing who have demonstrated academic ability, the need for financial aid and concern about minority issues; and are highly motivated. Students who have been unable to secure financial aid through other means should be given the highest priority. If there are no applicants, the fund may be used for recruitment of minority students.

The award will be administered by the College of Nursing Scholarship Committee with recommendations by Elsie Williams Wilson and Ethelrine Shaw Nickerson and the Dean of the College in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Nursing.

Change of Name and Description of Named Fund

The Schwartz Family Fund Lecture Series

The Schwartz Family Fund was established May 6, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Stanley Schwartz, Sr., Certificate of Law '14; Stanley Schwartz, Jr., B.A. '42, J.D. '47; Miriam Schwartz, B.S. '44, M.A. '67, Ph.D. '79; and Robert S. Schwartz, J.D. '75; and other family members and friends. The name and description were changed February 6, 1987.

February 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Fund (contd)

The Schwartz Family Fund Lecture Series (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to assist the College of Law in sponsoring an annual series of lectures by distinguished visitors to the College of Law.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for legal education.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS**

CENTRAL SERVICE BUILDING RENOVATION - PHASES I AND II

Resolution No. 87-81

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS when the new Stores and Receiving Building is completed, the present facility, known as the Central Service Building, located at 2009 Millikin Road, will become vacant; and

WHEREAS this project will provide a major upgrading of the Central Service Building and utility systems; and

WHEREAS this renovation will be accomplished in two phases: Phase I will renovate the first and second floors to provide general classroom space and renovate the third floor to provide space for the University Architect's Office. Phase II will renovate the basement and ground floor and provide utility services to house the University Bookstores operations; and

WHEREAS the firm of McDonald, Cassell & Bassett has completed feasibility planning for these renovations and schematic design for the Bookstores; and

WHEREAS \$1,325,000.00 will be made available from University funds for Phase I of this project, with funding yet to be determined for Phase II:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized in accordance with established University

February 5 and 6, 1987 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
CENTRAL SERVICE BUILDING RENOVATION - PHASES I AND II (contd)**

procedures, to employ McDonald, Cassell & Bassett to complete the design for Phases I and II; to request construction bids for Phase I; to request construction bids for Phase II at such time as funding becomes available; and for Phases I and II, if satisfactory bids are received, to award the necessary contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
FACULTY CLUB IMPROVEMENTS**

Resolution No. 87-82

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS this project will provide for the renovation and improvement of selected areas in and around the Faculty Club, modification of interior space arrangements to comply with appropriate building code requirements, modification of existing trash handling facilities and loading dock arrangements to improve operations, and improvement of existing kitchen layout arrangements to provide more efficient operation; and

WHEREAS the firm of Withers Associates, Inc., has completed a Master Plan Study and remodeling feasibility study for these renovations; and

WHEREAS \$1,500,000.00 will be made available from University funds for this project, of which \$1,200,000.00 is estimated for construction:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in accordance with established University procedures, to employ Withers Associates, Inc., for this project, to request construction bids on this project, and if satisfactory bids are received, to award the necessary contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Immke, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PURCHASE OF REAL PROPERTY
124 WEST TENTH AVENUE
COLUMBUS, OHIO**

Resolution No. 87-83

Synopsis: Purchase of real property at 124 West Tenth Avenue in Columbus, Ohio, is proposed.

February 5 and 6, 1987 meeting, Board of Trustees

**PURCHASE OF REAL PROPERTY
124 WEST TENTH AVENUE
COLUMBUS, OHIO (contd)**

WHEREAS The Ohio State University has been presented with an opportunity to purchase the property located at 124 West Tenth Avenue in Columbus, Ohio; and

WHEREAS this property has an appraised value of \$65,000.00, and the owner, Mr. Thomas Graham of Columbus, Ohio, has offered to sell the property to the University at a price of \$65,000.00; and

WHEREAS this property is located within the south campus acquisition boundary of the University's Master Plan and the appropriate University officers have determined that the purchase of this property is in the best interest of the University; and

WHEREAS funds for the purchase of this property will be provided from University funds resulting from the previous sale of south campus properties outside the acquisition boundary:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the real property located at 124 West Tenth Avenue at a price not to exceed \$65,000.00, upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mr. Barone, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PURCHASE OF REAL PROPERTY
160 ACRES IN PIKE COUNTY, OHIO**

Resolution No. 87-84

Synopsis: Purchase of 160 acres of agricultural land in Pike County, Ohio, is proposed.

WHEREAS the Ohio Agricultural Research and Development Center of The Ohio State University has a need for agricultural land in southern Ohio for development of an agricultural research and education center; and

WHEREAS the University has been presented with an opportunity to purchase a 160-acre tract of agricultural land in Pike County, Ohio; and

WHEREAS the appraised value of the property is from \$304,000.00 to \$320,000.00, and the owner, Mr. John L. Patterson of Granville, Ohio, has offered to sell the property to the University for \$220,000.00; and

WHEREAS funds for the purchase of this property will be provided from funds appropriated to the University in Substitute House Bill 870, adopted by the 116th General Assembly; and

February 5 and 6, 1987 meeting, Board of Trustees

**PURCHASE OF REAL PROPERTY
160 ACRES IN PIKE COUNTY, OHIO (contd)**

WHEREAS the appropriate University officers have determined that the purchase of this property is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, this 160-acre tract of property at a price of \$220,000.00 and upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mrs. Bowser, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY**

Resolution No. 87-85

Synopsis: Renewal of a pole line easement to the Columbus and Southern Ohio Electric Company is proposed.

WHEREAS in 1972 the University granted to the Columbus and Southern Ohio Electric Company a 15-year easement along Kenny Road in the vicinity of the University Services Center to place anchors on electric lines relocated due to highway improvements for the purpose of maintaining electric service; and

WHEREAS this easement has expired and the Columbus and Southern Ohio Electric Company has requested a renewal of the easement for a period of 15 years; and

WHEREAS the pole line easement will serve only University property; and

WHEREAS the appropriate University offices have recommended the renewal of this easement:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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February 5 and 6, 1987 meeting, Board of Trustees

**AUTHORIZATION TO PROCEED WITH NEGOTIATIONS
TO PURCHASE CERTAIN SPECIFIED PROPERTIES**

Resolution No. 87-86

Synopsis: Authorization to purchase certain properties from Humana MedFirst as set forth in the body of this resolution is proposed.

WHEREAS the Board of Trustees has received and holds funds in its endowment for the use and benefit of the University; and

WHEREAS the Board of Trustees is charged with maintaining, operating and administering a medical college and related medical facilities to provide for the health care of the people of Ohio and for the medical education of students entering the University's College of Medicine training program; and

WHEREAS increasing, improving, and maintaining the quality and capacity for patient care at University Hospitals is essential to providing the clinical teaching atmosphere in which to accomplish this mission; and

WHEREAS the University has the opportunity to enhance its efforts in these regards by obtaining from Humana, Inc., nine of its MedFirst health facilities located in the Columbus metropolitan area; and

WHEREAS the Board of Trustees deems use of endowment funds for acquiring the MedFirst units for the special use of the University's health care and medical teaching programs to be in the best interest of The Ohio State University; and

WHEREAS the MedFirst facilities will continue to be used as the satellite support system for the approximate 8,000 individuals enrolled in the University's Alternative Health Plan (UAHP):

NOW THEREFORE

BE IT RESOLVED, That appraisals of the assets shall be made and subsequent to that the President and/or Vice President for Business and Administration with the concurrence of the Fiscal Affairs Committee of the Board, shall be authorized to consummate the purchase on such terms and conditions as the President or the Vice President for Business and Administration shall determine to be in the best interest of the University, and to pay Humana, Inc., a sum to be negotiated for its interest in nine MedFirst facilities in exchange for title free and clear in all property real and personal, pursuant to a purchase agreement yet to be finalized; and

BE IT FURTHER RESOLVED, That the President, or Vice President for Business and Administration be and hereby is authorized to execute any and all documents, as are requisite in the circumstances; and

BE IT FURTHER RESOLVED, That title to said property shall be taken in the name of the Board of Trustees of The Ohio State University for the benefit of The Ohio State University, and that the expenditure for any land involved in this transaction shall be approved by the Board of Regents and by the Controlling Board.

February 5 and 6, 1987 meeting, Board of Trustees

**AUTHORIZATION TO PROCEED WITH NEGOTIATIONS
TO PURCHASE CERTAIN SPECIFIED PROPERTIES (contd)**

Upon motion of Mr. Teafor, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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President Jennings:

Mr. Chairman, in the Report of Research Contracts, Grants, and Gifts, I think it is worthy to note, that in accepting that report we did establish a Chair, The Berry Chair of New Technologies in Marketing. It is significant to Mr. Berry, who has completed his pledge to The Ohio State University, I might add. This is the first Chair to be established at Ohio State where the finances were operated through the new Ohio State University Foundation -- the Chair is established in the institution, and the Foundation provides the resources to establish that Chair.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 87-87

RESOLVED, That the report on the University's Investment Portfolio, dated January 16, 1987, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**SECOND QUARTER REPORT -
1986-87 CURRENT FUNDS BUDGET**

Resolution No. 87-88

RESOLVED, That the second quarter report on the 1986-87 Current Funds Budget, dated February 6, 1987, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**QUARTERLY REPORT -
WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS**

Resolution No. 87-89

RESOLVED, That the quarterly report on the Waivers of Competitive Bidding Requirements, dated July through September 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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February 5 and 6, 1987 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, March 5, 1987, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 4:30 p.m.

Attest:

Madison H. Scott
Secretary

Daniel M. Galbreath
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND TWENTY-EIGHTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 5 and 6, 1987

The Board of Trustees met at its regular monthly meeting on Thursday, March 5, and Friday, March 6 1987, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *
Minutes of the last meeting were approved.
* * *

March 5 and 6, 1987 meeting, Board of Trustees

The Vice Chairman, Mr. Redman, called the meeting of the Board of Trustees to order on March 5, 1987, at 5:00 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Edmund C. Redman, Leonard J. Immke, John W. Berry, Hamilton J. Teaford, and John W. Kessler.

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Mr. Redman reconvened the meeting on March 6, 1987, at 9:55 a.m.

Present: Edmund C. Redman, Leonard J. Immke, John W. Berry, Hamilton J. Teaford, and John W. Kessler.

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Mr. Redman:

Dr. Brand, will you introduce Dr. Yuri Medvedkov?

Dr. Brand:

Members of the Board, I would like to introduce you to Dr. Yuri Medvedkov, a prominent Soviet geographer, who is currently a distinguished Visiting Professor in our Department of Geography.

Dr. Medvedkov first applied for an exit visa from the Soviet Union in 1981, and was refused. He was demoted and eventually fired from his post on the faculty of Moscow State University and with the Institute of Geography of the Soviet Academy of Sciences. Dr. Medvedkov and his wife, Olga, were members of the Helsinki Watch Group. They helped organize, in the Soviet Union, the "Group to Establish Trust Between the U.S. and USSR."

Dr. Medvedkov's case was taken by The Ohio State University Concerned Academics and Scientists for Soviet Refuseniks, a group which was formed in 1981. The founder of this group was Professor George Demko, who is now the Director of the Office of the Geographer, U.S. State Department. Assisting with Professor Demko were Professor Jacques Zakin, Chemical Engineering, who is the current chair of the group; as well as, Professor Howard Fink, from our College of Law; and Professor Herb Asher, Special Assistant to the President. This effort was initiated in 1984, and was vigorously supported by President Jennings and the Office of Academic Affairs. I should note that Senator John Glenn was quite helpful in monitoring the case for us. Dr. Medvedkov received his visa in late September and arrived here late Autumn Quarter, after visiting the World Peace Conference in Denmark, as well as visiting Geneva.

Many believe that Ohio State's offer of a distinguished visiting professorship was instrumental in bringing about his move to the United States. Dr. Medvedkov's specialty is the study of urban and city systems, as well as Soviet geography. We are absolutely delighted that he is here and we will ask him,

March 5 and 6, 1987 meeting, Board of Trustees

Dr. Brand: (contd)

and Olga, if they would like to take a few minutes and describe some of their recent experiences and impressions of life in the United States, as well as at Ohio State.

Dr. Yuri Medvedkov:

Thank you. It is a privilege for me to be here and to thank you for the support given systematically, which is a tremendous help for the scientific community of independently thinking academicians in Moscow, and in other parts of the Soviet Union.

I am an old-timer in the Soviet Academy of Sciences -- I did thirty years of research there and then when some of the results became unexceptionable to the hard-liners in the Soviet internal policy. In the end, around the end of the 1970's, when the invasion of Afghanistan started, the hardening-up in the internal life of the Academy, and the exile of an academician -- many examples of this exist. All of that led us to the point that, to continue with the type of results which I wanted, and considered to be important, internal, stratification of Soviet society, pockets of poverty, deterioration of the quality of urban environment, etc. -- all of this led me to the necessity to apply to emigrate. That was my way to protest against the conditions which were there and it was my way to continue with research which I considered to be important for the School of Human Ecology, which I organized there.

In the battles of six years, which are still going on in the Soviet Union, it was always the support of the academic world which gave us the biggest strength. The very possibility of creating the Group to Establish Trust Between the U.S. and USSR, by mobilizing independently thinking academicians of Moscow for this group, was of tremendous significance -- tremendous symbolic significance for internal development in the Soviet Union. The possibility to do that existed only because we had the umbrella of security given by letters of support, letters of protest and the pressure of the presence of frequent visitors from the United States and other countries of the West. Now, we may see certain changes in internal and external politics of the Soviet Union. The changes are not yet very decisive according to my estimate, but are important because they indicate that with patience, with insistence, we may corner hard-liners in the Soviet political life and we may bring the power of reason back to the life of that nation, as well.

Well, I am an educator, so it is great to be back to the possibilities of the university and to teach, to see the students. I am using every opportunity, even before my classes properly begin (they start in April). Thank you for all of your support. Please be assured that there are other forces, there are other persons within the Soviet Union, who need your help and who are doing their best to increase the potential of returning the Soviet Union back to the family of the civilized nations.

March 5 and 6, 1987 meeting, Board of Trustees

Mr. Teaford:

Mr. Chairman, I've had the privilege of hearing Dr. Medvedkov speak before and I think it is very important to realize that when we write these letters to President Gorbachev and others in the Soviet Union, that it is important. It has helped him get here and will help others in their struggle. Sometimes we think letter writing is an insignificant act, but I think what he says demonstrates that that is not true. One other thing he said before, and I would like him to repeat here, is that he had some impressions of Columbus, Ohio, before he left the Soviet Union, and I think we all need to hear them.

Dr. Medvedkov:

Well that is really so. Even on the day when the visa was brought to the door of my apartment, I was busy rapidly translating the manual of using PC computers for communication purposes and the CompuServe facilities were described there. It means that the scientific community of Moscow and now the independent circle are really interested in them. And we realize that Columbus is a capital of the information age. Which is now going on and on.

Mr. Redman:

Any other comments?

Dr. Olga Medvedkov:

You know a lot of people ask us how we are adjusting here. You know, it is just going excellent. I don't know, maybe it's because the community of Columbus and Ohio State is very warm. Maybe it's not very usual for the whole United States. But we are feeling ourselves, as we return to our natural environment from which we were divorced for so many years. We kept our positions at the Academy of Science in Moscow, because of great support from our colleagues, but it was a nominal position, certainly. Here, Yuri can continue his teaching and research and even I've gotten support from the Mershon Center to continue my research work in social studies, as well. It is just great and our kids are flourishing here. They are very excited about everything here. I would just like to thank you, again. It is very nice to be here.

President Jennings:

I think it is also important to recognize that the Medvedkovs are being somewhat modest. We benefit every bit as much from their presence at Ohio State, as they benefit from our assistance. This is a joint activity. Professor Medvedkov is one of the premier scholars, not only in the Soviet Union, but in the world. Our faculty do not shy away from pointing out that by bringing them here, we have substantially improved our scholarship at Ohio State University -- that this is not just a one-way street of bringing the Medvedkovs to Columbus, Ohio. From their distinguished research record and future research and distinguished teaching, we and our students will benefit enormously from their presence. And we thank you for choosing

March 5 and 6, 1987 meeting, Board of Trustees

President Jennings: (contd)

Columbus, Ohio, we think we have a pretty good place here. It is nice to hear some confirmation of the public relations statements that go on in Columbus, that we are the third largest information center in the world, behind Washington and Moscow. We, in the Midwest, have a tendency to take things like that with a grain of salt, but perhaps it will be more believed now that we have some confirmation. We are delighted that you are here. There is no need to thank us; this is part and parcel of the continuing improvement of this great University and you are part of that and we hope you can be part of it for a long time to come.

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REPRINTED STATUTES APPLYING TO THE UNIVERSITY, BYLAWS OF THE BOARD OF TRUSTEES, AND RULES OF THE UNIVERSITY FACULTY

Resolution No. 87-90

Synopsis: The reprinted Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules of the University Faculty are presented for adoption.

WHEREAS the publications entitled Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules of the University Faculty have been reprinted to conform to the changes approved by the Board of Trustees since the last date of publication in September 1983; and

WHEREAS Section 111.15 of the Ohio Revised Code requires state-assisted institutions of higher education to file the current rules and regulations which have been adopted or promulgated by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the reprinted text of the Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules of the University Faculty dated March 1987, be adopted as the official publication of the Board of Trustees.

Upon motion of Mr. Teaford, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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RESCISSION OF CHAPTER 3335-41 OF THE ADMINISTRATIVE CODE

Resolution No. 87-91

Synopsis: Rescission of Chapter 3335-41 of the Administrative Code is proposed.

WHEREAS the Board of Trustees has approved the adoption of a revised Code of Student Conduct at its February 1987 meeting; and

March 5 and 6, 1987 meeting, Board of Trustees

RESCISSION OF CHAPTER 3335-41 OF THE ADMINISTRATIVE CODE (contd)

WHEREAS the revised Code of Student Conduct contains a new Rule 3335-25-03 dealing with the confidentiality of education records; and

WHEREAS the Rules Committee of the University Senate has determined that Chapter 3335-41 of the Administrative Code is made unnecessary by the new Rule 3335-25-03 of the Code of Student Conduct:

NOW THEREFORE

BE IT RESOLVED, That Chapter 3335-41 of the Administrative Code be rescinded effective immediately.

Upon motion of Mr. Immke, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DISTINGUISHED SERVICE AWARDS

Resolution No. 87-92

Synopsis: Recommendation for seven individuals to receive Distinguished Service Awards is proposed.

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended seven individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipients:

John F. Havens
Toni Mendez
William Poland
Maybelle L. Ruppert
Seward D. Schooler
Faye S. Smith
Marion L. Smith

and

WHEREAS these awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding as designated above.

Upon motion of Mr. Immke, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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March 5 and 6, 1987 meeting, Board of Trustees

DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT

Resolution No. 87-93

Synopsis: Approval is being requested for awarding degrees and certificates for Winter Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on March 20, 1987, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Berry, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREE

Resolution No. 87-94

Synopsis: Approval is requested for awarding an honorary degree.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-488 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of an honorary degree as listed below:

Roy Lichtenstein

Doctor of Fine Arts

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Immke, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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March 5 and 6, 1987 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 87-95

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the February 6, 1987 meeting of the Board, as detailed in the University Budget be approved.

Upon motion of Mr. Kessler, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 87-96

Synopsis: Resolutions honoring the service of two of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Dallas S. Bolon

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 8, 1987, of Dallas S. Bolon, Assistant Professor Emeritus in the Academic Faculty of Accounting and Management Information Systems.

Professor Bolon was born December 27, 1894. He served as a Second Lieutenant in World War I. He received the Bachelor of Science degree from The Ohio State University in 1921.

Professor Bolon joined the faculty as an Instructor in Accounting in 1923. He served as a Lecturer in Accounting from 1928 until his retirement in 1961. In July 1966 he was awarded the rank of Assistant Professor Emeritus.

Author of a text in introductory accounting, Professor Bolon's research involved improvements in accounting systems: cost, tax, and financing problems.

Professor Bolon became a CPA in 1923, and was a partner in the firm of Bolon, Hart and Beuhler.

On behalf of the University community, the Board of Trustees expresses to the family of Dallas S. Bolon its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

March 5 and 6, 1987 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Roy J. Secrest

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 7, 1986, of Roy J. Secrest, Professor Emeritus in the Department of Surgery.

Dr. Secrest was born on May 15, 1902, and received his M.D. degree from The Ohio State University in 1926. For some years he was a country doctor making his rounds on horseback. He became associated with Dr. Harry LeFever, the pioneer neurosurgeon in the Central Ohio area in the late 1930's. Drs. LeFever and Secrest founded the residency training program in neurologic surgery, initially at the old White Cross Hospital, later at University Hospitals, Children's Hospital, and Riverside Methodist Hospital. Dr. Secrest retired and was named Professor Emeritus on July 1, 1970.

Dr. Secrest's major contributions were in his clinical and teaching skills. He was a kind man. His demeanor was always reassuring to his patients, many of whom suffered from serious disorders of the nervous system and suffered great anxiety and pain. Dr. Secrest's example was an inspiration to many medical students and residents, a number of whom are still on the faculty of The Ohio State University.

His memorial will be in the minds of his patients and those whom he inspired to enter the specialty of neurologic surgery. He was a model of a warm, gracious and skillful physician.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Teaford, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 87-97

Synopsis: The reports on contracts, grants, and gifts and the summary for January 1987 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of January 1987 be approved.

Upon motion of Mr. Kessler, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR JANUARY 1987

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	90	\$6,829,644.27
Engineering Experiment Station	56	\$ 691,850.00
Total	146	\$7,521,494.27

The Ohio State University Development Fund

Establishment of Named Funds

The Irene D. Hirsch Research Fund in Ophthalmology (Support research in diseases and treatment of the eyes)		\$1,348,214.00
Ohio Eminent Scholar in Hydrogeology (Provide salary and program support for the work of an outstanding scholar- leader in hydrogeology)	(Ohio General Assembly)	\$ 500,000.00 \$ 500,000.00 (University Funds)
Ohio Eminent Scholar in Industrial Microbiology (Provide salary and program support for the work of an outstanding scholar- leader in industrial microbiology)	(Ohio General Assembly)	\$ 500,000.00 \$ 500,000.00 (University Funds)
Ohio Eminent Scholar in Materials Research (Provide salary and program support for the work of an outstanding scholar- leader in materials research)	(Ohio General Assembly)	\$ 500,000.00 \$ 500,000.00 (University Funds)
Ohio Eminent Scholar in Mechanical Systems (Provide salary and program support for the work of an outstanding scholar- leader in mechanical systems)	(Ohio General Assembly)	\$ 500,000.00 \$ 500,000.00 (University Funds)
The AEP Fund in Electric Power Systems Engineering (Modernize the department's under- graduate power systems machinery lab)		\$ 100,000.00
Sabatino Research Fund for Cystic Fibrosis (Support cystic fibrosis research)		\$ 50,000.00

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JANUARY 1987 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Helen Earnhart Harley Creative Writing Fellowship Award (Award for an outstanding student)	\$ 32,000.00
The Virginia Hull Research Award (Provide research support to women faculty members in the College of Humanities)	\$ 25,875.00
The Edward F. Wagner Scholarship Fund (Provide financial aid to students from Adams, Lawrence, and Scioto counties)	\$ 17,500.00
The Deacon-Firebaugh Graduate Fellowship (Department of Family Resource Management)	\$ 15,990.00
The Professor Charles Clements Morris Mathematics Endowment (Assistance for undergraduate mathematics majors)	\$ 15,378.00
The John McKittrick Family Fund (Annual income divided among various areas)	\$ 15,000.00
The Claude E. Altenburg, Jr., Award (Awarded to one or more students enrolled in the College of Pharmacy)	\$ 7,630.00

Change of Name and Description of Named Fund

From:	Julia I. Dalrymple O.S.U. Home Economics Education Endowed Graduate Fellowship
To:	Julia I. Dalrymple O.S.U. Home Economics Education Endowed Research Fund

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - January 1987

Federal Research Contracts/Grants

\$1,715,000.00 - Department of Energy, Argonne, Illinois, High Energy Physics, Department of Physics (T.A. Romanowski, T.Y. Ling, K.D. Lane, S.S. Pinsky, W.W. Wada, N.W. Reay, K. Reibel, N.R. Stanton, H.P. Kagan, R.D. Kass, J. Shigemitsu, A.J. Niemi and G. Steigman), 1 January 1987 through 31 December 1987. (Project 762116 - Continuation)

\$357,055.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Cooperative Human Tissue Network, Cancer Research Center and Department of Pathology (K. Clausen) and Cancer Research Center and Department of Physiological Chemistry (R.W. Trewyn), 1 January 1987 through 31 December 1987. (Project 765857 - New)

\$310,899.00 - Department of Education, Office of Educational Research and Improvement, Washington, D.C., Operation of an Educational Resources Information Center (ERIC) Clearinghouse on Science, Mathematics and Education, Department of Educational Theory and Practice (R.W. Howe), 1 January 1987 through 31 December 1987. (Project 765194 - Continuation)

\$296,711.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Southwest Oncology Group, Department of Internal Medicine (S.P. Balcerzak), 1 January 1987 through 31 December 1987. (Project 761094 - Continuation)

\$265,000.00 - Department of Education, Office of Educational Research and Improvements, Washington, D.C., ERIC Clearinghouse on Adult, Career and Vocational Education, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 1 January 1987 through 13 September 1987. (Project 764387 - Continuation)

\$250,000.00 - Department of the Air Force, Air Force Systems Command, Griffiss Air Force Base, New York, Explanation in Problem-Solving and Planning Systems, Department of Computer and Information Science (B. Chandrasekaran), 15 January 1987 through 30 September 1987. (Project 764562 - Continuation)

\$162,446.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biochemical Mechanisms of Nitrosamine Carcinogenesis Department of Chemistry (H.G. Floss), 1 January 1987 through 31 December 1987. (Project 764242 - Continuation)

\$146,989.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Modeling and Analysis of Polarization Effects in Coherent Radar, Department of Electrical Engineering, ElectroScience Laboratory (R.J. Marhefka), 1 February 1987 through 15 March 1988. (Project 765044 - Continuation)

\$128,693.00 - Environmental Protection Agency, Washington, D.C., Another Mechanism for the Oxygenation of Environmental Genotoxic PAH Compounds to Human Carcinogens: In Vitro Transformation in Human Cells, College of

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Pharmacy (D.T. Witiak), 2 January 1987 through 1 January 1988. (Project 764536 - Continuation)

\$112,179.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Neural Control of Human Intestinal Mucosa, Department of Physiology (H.J. Cooke), 1 January 1987 through 31 December 1987. (Project 765037 - Continuation)

\$107,881.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Predoctoral Training in Family Medicine, Department of Family Medicine (P.J. Fahey), 1 July 1987 through 30 June 1988. (Project 765400 - Continuation)

\$102,868.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Solution Structure of Ribosomal 5S RNA and 5.8S RNA, Departments of Chemistry and Biochemistry and Chemical Instrumentation Center (A.G. Marshall), 1 January 1987 through 31 December 1987. (Project 762523 - Continuation)

\$100,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Exploratory Research on the Protection of Carbon-Carbon Composites against Oxidation at Very High Temperatures ($>3000^{\circ}\text{F}$) with Engel-Brewer and Other Intermetallic Compounds, Department of Metallurgical Engineering (G.R. St. Pierre, J.P. Hirth, and R.A. Rapp), 1 November 1986 through 31 October 1987. (Project 765280 - Continuation)

\$97,000.00 - Department of the Army, Army Material Development Readiness Command, Fort Monmouth, New Jersey, Computer Communication Protocols for Advanced Communication Systems, Department of Computer and Information Science (M.T. Liu), 1 January 1987 through 20 December 1987. (Project 765838 - Continuation)

\$96,800.00 - National Science Foundation, Washington, D.C., Kinetics and Spectroscopy of Reactive Intermediates, Department of Chemistry (M.S. Platz), 1 December 1986 through 30 November 1987. (Project 765125 - Continuation)

\$91,500.00 - National Science Foundation, Washington, D.C., Plastic Instability and Fracture in Steels, Department of Metallurgical Engineering (J.P. Hirth), 1 April 1987 through 31 March 1988. (Project 763970 - Continuation)

\$86,000.00 - National Science Foundation, Washington, D.C., Curatorial Assistance for the Borror Laboratory of Bioacoustics, Department of Zoology (A.S. Gaunt, A.D. Thompson and S.L. Gaunt), 1 January 1987 through 31 December 1988. (Project 764469 - Continuation)

\$74,014.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Experimental Screening of Potential Surface Materials for Ultra-High Temperature Composites,

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Department of Ceramic Engineering (J.D. Cawley) and Department of Metallurgical Engineering (W.B. Johnson), 1 January 1987 through 31 August 1987. (Project 765693 - Continuation)

\$71,756.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Intestinal Bypass Surgery in Hibernation, Department of Physiology (H.J. Cooke), 16 January 1987 through 31 December 1987. (Project 765844 - New)

\$67,500.00 - National Science Foundation, Washington, D.C., Raman and Spatially Resolved Spectroelectrochemistry, Department of Chemistry (R.L. McCreery), 1 January 1987 through 31 December 1987. (Project 764803 - Continuation)

\$64,136.00 - National Science Foundation, Washington, D.C., Purification of Multicomponent Liquid Mixtures by the Dual Recycle Thermal Swing Adsorption Process, Department of Chemical Engineering (K.S. Knaebel), 15 January 1987 through 14 January 1988. (Project 765859 - New)

\$59,968.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Modeling of Gear Dynamics, Housing Noise and the Transmissibility of a NASA Spur Gear Test Facility, Department of Mechanical Engineering (D.R. Houser and R. Singh), 10 January 1987 through 9 January 1988. (Project 765863 - New)

\$58,500.00 - National Science Foundation, Washington, D.C., Structural Influence of Zeolites on Metals and Metal Complexes within Its Cavities - A Raman Spectroscopy Study, Department of Chemistry (P.K. Dutta), 1 January 1987 through 31 December 1987. (Project 764936 - Continuation)

\$50,064.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Theoretical Approach to Analysis and Design of Efficient Reduced-Controls for Space Structures, Department of Aeronautical and Astronautical Engineering (H.A. Oz), 1 October 1986 through 30 September 1987. (Project 765624 - Continuation)

\$50,000.00 - Department of the Army, Army Materiel Development Readiness Command, Dover, New Jersey, Syntheses of Polynitro Cage Molecules, Department of Chemistry (L.A. Paquette), 1 February 1987 through 31 October 1987. (Project 765379 - Continuation)

\$48,810.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biology of Basal Cell Carcinoma, Department of Internal Medicine (R.E. Grimwood), 1 January 1987 through 31 December 1987. (Project 765145 - Continuation)

\$47,885.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Mechanism of GI Motor Disturbances in Enteric Parasitism, Department of Physiology (J.M. Palmer and J.D. Wood), 1 February 1987 through 31 January 1988. (Project 765866 - New)

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$47,661.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Intestinal Function in a Hibernator: Adaptive Changes, Department of Physiology (H.V. Carey and H.J. Cooke), 16 January 1987 through 31 December 1987. (Project 765843 - New)

\$45,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, A Theoretical and Experimental Study of Weld Solidification under Transient Conditions, Department of Welding Engineering (W.A. Baeslack, III), 1 January 1987 through 30 June 1987. (Project 764095 - Continuation)

\$43,512.00 - Department of Education, Office of Postsecondary Education, Washington, D.C., Supplemental Funds to Initiate, Improve or Expand a Program of Cooperative Education, Colleges of the Arts and Sciences - Administration, Business - Administration and Engineering - Administration (T.A. Willke), Agricultural Technical Institute - Administrative Support (D.D. Garrison) and School of Health, Physical Education and Recreation (W.A. Sutton), 1 October 1986 through 30 September 1987. (Project 765871 - Continuation)

\$40,754.00 - Department of Transportation, National Highway Traffic Safety Administration, West Liberty, Ohio, Support of Defects Investigations, Department of Mechanical Engineering (D.A. Guenther), 16 November 1986 through 15 November 1987. (Project 765180 - Continuation)

\$40,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Documentation of Ice Shapes for the Helicopter Icing Flight Test Program, Department of Aeronautical and Astronautical Engineering (J.D. Lee), 30 November 1986 through 30 June 1987. (Project 763362 - Continuation)

\$36,600.00 - National Science Foundation, Washington, D.C., Harmonic Curvature, Einstein Spaces and Comparison Theorems, Department of Mathematics (E. Ruh and A. Derdzinski), 15 December 1986 through 30 November 1987. (Project 765878 - New)

\$35,000.00 - National Science Foundation, Washington, D.C., Physical Studies of Milk Xanthine Oxidase, Department of Physiological Chemistry (C.R. Hille), 1 May 1987 through 30 April 1988. (Project 765099 - Continuation)

\$30,000.00 - National Science Foundation, Washington, D.C., Image Analysis, Department of Chemical Engineering (R.S. Brodkey), 1 January 1987 through 30 June 1988. (Project 765877 - New)

\$29,004.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Thymidylate Synthase Transcriptional Control Sequences, Department of Biochemistry (L.F. Johnson and J.W. DeWille), 1 January 1987 through 31 December 1987. (Project 765846 - New)

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$27,519.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Analysis of a Simulated 2-D Viscous Flow for the Case of Hover Flight, Department of Mechanical Engineering (A.T. Conlisk), 1 January 1987 through 31 December 1987. (Project 765301 - Continuation)

\$17,700.00 - National Science Foundation, Washington, D.C., Group Travel for U.S. Participants in Fifth Antarctic Earth Sciences Symposium, Cambridge, England, August 24-28, 1987, Institute of Polar Studies (D.H. Elliot), 1 January 1987 through 31 December 1987. (Project 765880 - New)

\$16,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, An International Symposium on Molecular Spectroscopy, Department of Physics (K.N. Rao), 10 March 1987 through 9 March 1988. (Project 765282 - Continuation)

\$3,150.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Discrete Control Modelling of Computer-Aided Control of Strongly Interactive Systems, Department of Industrial and Systems Engineering (R.A. Miller) and Department of Psychology (R.J. Jagacinski), 1 December 1986 through 31 January 1987. (Project 763264 - Continuation)

\$2,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Second International Symposium on Epstein-Barr Virus and Associated Malignant Diseases, Department of Medical Microbiology and Immunology (M.R. Glaser), 17 October 1986 through 31 August 1987. (Project 765507 - Continuation)

TOTAL - FEDERAL AWARDS

\$5,433,554.00

State of Ohio Research Contracts/Grants

\$78,771.00 - State of Ohio, Department of Education, Columbus, Ohio, A Community-Based Network to Assist Handicapped Youth's Transition from School to Work: A Four-Part Model, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 1 September 1986 through 31 August 1987. (Project 765867 - New)

\$55,650.00 - State of Ohio, Department of Health, Columbus, Ohio, Perinatal Outreach Education Program, Department of Pediatrics (L. Cordero), 1 October 1986 through 30 September 1987. (Project 764100 - Continuation)

\$6,500.00 - State of Ohio, Department of Health, Columbus, Ohio, Neonatal Intensive Care Unit Hearing Screening, Nisonger Center (P. Niswander), 1 October 1986 through 30 September 1987. (Project 765853 - Continuation)

TOTAL - STATE OF OHIO AWARDS

\$ 140,921.00

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants

\$102,457.00 - Dupont Critical Care, Waukegan, Illinois, Safety and Tolerance to Increasing Infusion Rates of the Phenytoin Prodrug Administered as a Bolus Dose to Healthy Human Volunteers, Department of Pharmacology (N. Gerber), 19 December 1986 through 30 June 1987. (Project 765696 - Continuation)

\$84,196.00 - Kali-Duphar Labs, Inc., Columbus, Ohio, Eproxindine Hydrochloride (CK 3791) and Healthy Male Volunteers, Department of Pharmacology (N. Gerber), 1 November 1986 through 31 October 1987. (Project 765696 - Continuation)

\$55,860.00 - The Procter & Gamble Company, Cincinnati, Ohio, Oral Biology Periodontal Research, Oral Biology (K. Schroeder), 1 January 1987 through 30 June 1987. (Project 760029 - Continuation)

\$52,259.00 - Pfizer, Inc., Groton, Connecticut, A Multicenter Third Party Blinded Comparative Study of CP-62,993 and Erythromycin for the Assessment of Safety and Efficacy in the Treatment of Acute Upper Respiratory Tract Infections, University Health Service (D.I. Charles), 1 December 1986 through 30 April 1987. (Project 765870 - New)

\$46,930.00 - Pfizer, Inc., Groton, Connecticut, A Multicenter Third Party Blinded Comparative Study of CP-62,993 and Erythromycin for the Assessment of Safety and Efficacy in the Treatment of Acute Lower Respiratory Tract Infections, University Health Service (D.I. Charles), 1 December 1986 through 30 April 1987. (Project 765868 - New)

\$24,837.00 - Norwich-Eaton Pharmaceuticals, Inc., Norwich, New York, The Neonatal Gnotobiotic Pig as a Host for a Model Campylobacter pyloridis Infection of the Upper GI Tract, Department of Veterinary Pathobiology (G.S. Krakowka), 23 June 1986 through 31 May 1987. (Project 765549 - Continuation)

\$20,000.00 - Pfizer, Inc., Groton, Connecticut, Double-Blind Placebo-Controlled Ninety Day Toleration Study of CP-54,802, Department of Pharmacology (N. Gerber), 1 November 1986 through 31 December 1986. (Project 765696 - Continuation)

\$20,000.00 - Universal Energy Systems, Dayton, Ohio, A Chemical Kinetics Model for Mach 5-14 Hypersonic Flow, Department of Aeronautical and Astronautical Engineering (T.G. Yip), 1 December 1986 through 31 December 1987. (Project 765856 - New)

\$20,000.00 - Universal Energy Systems, Dayton, Ohio, Fuel Injection and Mixing in a Supersonic Combustor, Department of Mechanical Engineering (M. Samimy), 1 December 1986 through 31 December 1987. (Project 765850 - New)

\$20,000.00 - Universal Energy Systems, Dayton, Ohio, Towards a Rule Based Expert System for Damage Assessment of Air Force Base Protective Structures, Department of Civil Engineering (F.C. Hadipriono), 1 December 1986 through 31 December 1987. (Project 765851 - New)

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$19,971.00 - Universal Energy Systems, Inc., Dayton, Ohio, Effects of Exercise and Dobutamine on Suspension Hypokinesia/Hypodynamia Deconditioning in Rats, Department of Veterinary Physiology and Pharmacology (R.L. Hamlin), 1 December 1986 through 31 December 1987. (Project 765865 - New)

\$12,584.00 - Capital City Products Co., Columbus, Ohio, The Flavor Improvement of Medium Chain Triglycerides through Isolation, Separation and Identification, Department of Food Science and Nutrition - OARDC and Department of Food Science and Nutrition (D.B. Min), 15 December 1986 through 31 August 1987. (Project 765858 - New)

\$10,000.00 - Singer-Link, Inc., Binghamton, New York, Evaluation of the Esprit System Phase II, Department of Psychology (D.H. Owen), 1 May 1986 through 27 February 1987. (Project 765391 - Continuation)

\$3,500.00 - Ross Laboratories, Columbus, Ohio, Comparison of High Carbohydrate and High Fat Diet, School of Health, Physical Education and Recreation (R.L. Bartels), 1 January 1986 through 30 June 1986. (Project 764896 - Continuation)

\$3,375.00 - Huntington National Bank, Columbus, Ohio, Training Materials Preparation for the Huntington Institute of Banking Project, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 2 January 1987 through 23 January 1987. (Project 765872 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 495,969.00

Other Non-Federal Research Contracts/Grants

\$150,000.00 - John D. and Catherine T. MacArthur Foundation, Chicago, Illinois, American Defense Annual, Merzhon Center for Education (J. Kruzel), 1 January 1987 through 31 December 1989. (Project 765879 - New)

\$98,581.00 - Georgia Department of Education, Atlanta, Georgia, Developing a Planning and Evaluation Model for Secondary Vocational Education in Georgia, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 1 December 1986 through 30 June 1988. (Project 765854 - New)

\$50,616.00 - Indonesia Ministry of Education and Culture, Jakarta, Indonesia, Indonesian Visiting Scholar Program - Task Order C, College of Education - Administration (J.J. Buffer), 1 January 1987 through 30 June 1987. (Project 765362 - Continuation)

\$47,812.00 - Elsa U. Pardee Foundation, Midland, Michigan, The Role of the Interferon-Induced Enzyme, 2',5'-Oligoadenylate Synthetase, in the Growth and Differentiation of Malignant Lymphocytes, Department of Internal Medicine (P.L. Triozzi), 1 January 1987 through 31 December 1987. (Project 765848 - New)

\$45,117.00 - Iowa State University, Ames, Iowa, Ultrasonic Evaluation of Porosity in Aluminum Cast Material, Department of Welding Engineering (L.

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Adler), 1 October 1986 through 30 September 1987. (Project 765723 - Continuation)

\$38,312.00 - Andrus Foundation, Washington, D.C., Precursors of Physical, Economic, and Psychological Well-Being in Widowhood, Department of Family Relations and Human Development (S.L. O'Bryant), 1 January 1987 through 31 December 1987. (Project 765802 - New)

\$31,210.00 - United Nations, Geneva, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V.C. Stevens), 1 July 1986 through 30 June 1987. (Project 760113 - Continuation)

\$27,000.00 - Butler County Department of Human Services, Hamilton, Ohio, Development of Living Skills, Cooperative Extension Field Operations (P.H. Simmons), 1 December 1986 through 30 November 1987. (Project 765233 - Continuation)

\$26,000.00 - Muscular Dystrophy Association, New York, New York, Mechanism of Action of Calcium Binding Proteins, Department of Physiological Chemistry (J.D. Johnson), 1 January 1987 through 31 December 1987. (Project 763866 - Continuation)

\$21,328.00 - University of California, Livermore, California, Ultrasonic Methods to Evaluate Fluid-Filled Porous Solids, Department of Welding Engineering (L. Adler), 1 October 1986 through 30 September 1987. (Project 765828 - Continuation)

\$20,778.00 - University of California, Santa Barbara, California, The Processing and Mechanical Properties of High Performance Materials, Department of Metallurgical Engineering (J.P. Hirth), 15 September 1986 through 14 March 1987. (Project 765876 - New)

\$20,000.00 - Muscular Dystrophy Association, New York, New York, Calcineurin - Membrane Interactions, Department of Chemistry (M.M. King), 1 January 1987 through 31 December 1987. (Project 765869 - New)

\$19,500.00 - Upper Arlington City Schools, Upper Arlington, Ohio, Upper Arlington-Ohio State Middle School Project, School of Health, Physical Education and Recreation (C.L. Mand), 2 September 1986 through 30 June 1987. (Project 765864 - Continuation)

\$19,409.00 - City of Columbus, Human Services Department, Columbus, Ohio, Contextual Analysis of Teen Pregnancy, Department of Black Studies (J.N. Upton), Center for Women's Studies (M.M. Fonow) and College of Social Work (G. Gilbert), 1 November 1986 through 31 March 1987. (Project 765845 - New)

\$17,232.27 - United Cerebral Palsy Research and Educational Foundation, New York, New York, Gait Patterns of Children with Cerebral Palsy, Department of Surgery (S.R. Simon), 1 October 1986 through 30 September 1987. (Project 765849 - New)

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$17,000.00 - American Heart Association, Central Ohio Chapter, Columbus, Ohio, Heart Z-line Isolation: Removal of Actomyosin Rigor Complex, Department of Veterinary Anatomy (M. Yamaguchi), 1 January 1987 through 30 June 1987. (Project 765861 - New)

\$15,287.00 - University Affiliated Cincinnati Center for Developmental Disorders, Cincinnati, Ohio, Prevention Continuing Education in Rural Areas, Nisonger Center (M.J. Guralnick), 1 January 1987 through 31 December 1987. (Project 764528 - Continuation)

\$15,000.00 - Tinker Foundation, New York, New York, Field Research Grants in Latin America and Spain, University Center for International Studies (J.S. Adams), Department of Agricultural Economics and Rural Sociology (D.H. Graham) and Department of History (K. Andrien), 1 January 1987 through 31 December 1987. (Project 765189 - Continuation)

\$12,500.00 - Deafness Research Foundation, New York, New York, Antibody Levels Directed against the Outer Membrane Proteins of H. influenzae from Patients with Chronic Otitis Media, Department of Otolaryngology (T. DeMaria), 1 January 1987 through 31 December 1987. (Project 765840 - New)

\$10,490.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Z-line Assembly: New Microscopic View of Quick-Frozen Heart, Department of Veterinary Anatomy (M. Yamaguchi), 1 January 1987 through 31 December 1987. (Project 765860 - New)

\$8,086.00 - Tennessee Valley Authority, Soddy-Daisy, Tennessee, and Duke Power Company, Cornelius, North Carolina, Consortium for the Development of Instructor Training Materials for the Electric Power Industry, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 1 November 1986 through 28 February 1987. (Project 765778 - Continuation)

\$8,000.00 - Cleveland State University, Cleveland, Ohio, A Curriculum Model for Oral and Written Language with Developmentally Handicapped Learners, Department of Human Services Education (G. Cartledge), 1 October 1986 through 30 June 1987. (Project 765842 - New)

\$6,900.00 - The Fred C. Gloeckner Foundation, Inc., New York, New York, Factors Influencing Optimization of Cold-Programming Responses of Case-Cooled Easter Lily Bulbs, Department of Horticulture - OARDC and Department of Horticulture (T.A. Prince), 1 September 1987 through 31 August 1988. (Project 765875 - New)

\$6,525.00 - Cancer Therapy and Research Foundation, San Antonio, Texas, SWOG Study 8501, Intraperitoneal Cis-Platinum/Intravenous Cys-Platinum/Intravenous Cyclophosphamide versus Intravenous Cis-Platinum/Intravenous Cyclophosphamide in Patients with Non-Measurable (Optimal) Disease Stage III Ovarian Cancer, Department of Pathology (R. O'Toole), 1 October 1986 through 30 September 1987. (Project 765855 - New)

\$5,425.00 - Comite Conjunto Hispano-Norteamericano para la Cooperacion Cultural y Educativa, Madrid, Spain, The Development of Partisanship and Spanish Democracy, Department of Political Science (B.M. Richardson and

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

R.P. Gunther), 1 September 1986 through 31 August 1987. (Project 765417 - New)

\$5,400.00 - International Joint Commission, Windsor, Ontario, Canada, Great Lakes Water Quality and Health - Data Sources for Epidemiologic Studies, Department of Preventive Medicine (J.R. Wilkins, III), 1 January 1987 through 31 March 1987. (Project 765847 - New)

\$5,000.00 - The Fred C. Gloeckner Foundation, Inc., New York, New York, Equipment Proposal for a Zeiss Axiphot Research Microscope, Department of Horticulture - OARDC and Department of Horticulture (G.G. Hanniford and R.D. Lineberger), 1 August 1987 through 31 July 1988. (Project 765874 - New)

\$4,500.00 - Butler County Department of Human Services, Hamilton, Ohio, Development of Living Skills, Cooperative Extension Field Operations (P.H. Simmons), 1 January 1986 through 30 November 1986. (Project 765233 - Continuation)

\$3,655.00 - American Animal Hospital Association Foundation, Denver, Colorado, N-(4-hydroxyphenyl) Retinamide: A Retinoid for Canine Mammary Cancer Therapy, Department of Veterinary Preventive Medicine (J. Silverman), 1 January 1987 through 31 December 1987. (Project 765873 - New)

\$1,498.00 - Cancer Therapy and Research Center, San Antonio, Texas, Gynecologic Cancer Pathology Subcommittee, Department of Pathology (R. O'Toole), 1 September 1986 through 31 May 1987. (Project 764004 - Continuation)

\$1,039.00 - Indiana University, Bloomington, Indiana, Malaysia Cooperative Program, English/Second Language (T.T. Diemer), 1 January 1986 through 31 December 1986. (Project 764972 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 759,200.27

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$150,000.00 - Ohio Coal Development Office, Columbus, Ohio, "Reduction of Sulfur and Nitrogen Contents in Coal by Microbial Processing," Department of Chemical Engineering, 1 January 1987 through 30 June 1988. (529724)

\$150,000.00 - Ohio Coal Development Office, Columbus, Ohio, "Removal of Organic and Inorganic Sulfur from Ohio Coal by Combined Chemical and Physical Processes," Department of Metallurgical/Mining Engineering, 1 December 1986 through 30 November 1988. (529722)

\$150,000.00 - Ohio Coal Development Office, Columbus, Ohio, "Organic and Inorganic Sulfur Reduction by Physical Cleaning and In-Flame Sulfur Absorption," Department of Mechanical Engineering, 1 December 1986 through 31 March 1988. (312894)

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

State Sponsored Research and Development (contd)

\$50,000.00 - Thomas Edison Partnership Program, Columbus, Ohio, and McCoy Avionics, Inc., Columbus, Ohio, "MAC 1700 Digital/Analog Avionics Modification," Department of Electrical Engineering, 1 March 1986 through 31 January 1987. (312889)

\$48,715.00 - Thomas Edison Partnership Program, Columbus, Ohio and Huntsman Chemical, Columbus, Ohio, "Improvement of Processibility and Mechanical Properties of High Impact Polystyrene through Better Reactor Design and Control," Department of Chemical Engineering, 1 January 1987 through 31 December 1987. (529721)

\$19,735.00 - The Ohio State University Center for Teaching Excellence, Columbus, Ohio, "Satellite Dish Facility Development," Department of Electrical Engineering, 1 December 1986 through 30 June 1987. (312898)

TOTAL - STATE SPONSORED RESEARCH **\$ 568,450.00**

Industrial and Other Sponsored Research and Development

\$93,094.00 - Additional funds from NCR Corporation, Dayton, Ohio, "Cold Temperature Testing of Hot Electron Effects in NCR SuperCool MOS Technologies," Department of Electrical Engineering, 1 October 1985 through 31 December 1987. (529683, Ext. 2)

\$52,548.00 - from 33 sponsors of 47 projects in two research areas of the College.

\$(25,232.00) - Reduction in funding by McCoy Avionics, Inc., Columbus, Ohio, (Corporate Funds), "MAC 1700 Digital/Analog Avionics Modification," Department of Electrical Engineering, 1 March 1986 through 31 January 1987. (312867). NOTE: This project had been previously reported at \$50,000. Total funding from the program is now \$50,000 from the state (312889), and \$24,768 from industry (312867)

\$3,000.00 - Additional funds from Battelle Columbus Laboratories, Columbus, Ohio, "Analysis of Miniature Charpy Specimen Data," Department of Nuclear Engineering, 1 October 1985 through 31 December 1986. (529691, Ext. 4)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH **\$ 123,410.00**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Irene D. Hirsch Research Fund in Ophthalmology

The Irene D. Hirsch Research Fund in Ophthalmology was established March 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Irene D. Hirsch, B.S.Ed. '26.

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Irene D. Hirsch Research Fund in Ophthalmology (contd)

All gifts are to be invested in the University's Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support research in diseases and treatment of the eyes. Expenditures from the fund will be approved by the Chairperson of the Department of Ophthalmology in consultation with the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Medicine.

Ohio Eminent Scholar in Hydrogeology

The Ohio Eminent Scholar in Hydrogeology was established March 6, 1987, by the Board of Trustees of The Ohio State University with \$500,000 awarded by the General Assembly of Ohio and a matching \$500,000 from Unrestricted Gifts to the University.

The funds are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide salary and program support for the work of an outstanding scholar-leader in Hydrogeology. Appointment as the Ohio Eminent Scholar in Hydrogeology will be recommended by the Dean of the College of Mathematical and Physical Sciences to the Provost and President and approved by the Board of Trustees.

Should the need for this position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for education and research in geology. Any redirection of this endowment prior to ten years from the date established shall require the prior approval of the Ohio Board of Regents.

Ohio Eminent Scholar in Industrial Microbiology

The Ohio Eminent Scholar in Industrial Microbiology was established March 6, 1987, by the Board of Trustees of The Ohio State University with \$500,000 awarded by the General Assembly of Ohio and a matching \$500,000 from Unrestricted Gifts to the University.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Ohio Eminent Scholar in Industrial Microbiology (contd)

The funds are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide salary and program support for the work of an outstanding scholar-leader in Industrial Microbiology. Appointment as the Ohio Eminent Scholar in Industrial Microbiology will be recommended by the Dean of the College of Biological Sciences to the Provost and President and approved by the Board of Trustees.

Should the need for this position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for education and research in microbiology. Any redirection of this endowment prior to ten years from the date established shall require the prior approval of the Ohio Board of Regents.

Ohio Eminent Scholar in Materials Research

The Ohio Eminent Scholar in Materials Research was established March 6, 1987, by the Board of Trustees of The Ohio State University with \$500,000 awarded by the General Assembly of Ohio and a matching \$500,000 from Unrestricted Gifts to the University.

The funds are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide salary and program support for the work of an outstanding scholar-leader in Materials Research. Appointment as the Ohio Eminent Scholar in Materials Research will be recommended by the Dean of the College of Mathematical and Physical Sciences to the Provost and President and approved by the Board of Trustees.

Should the need for this position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for education and research in physics. Any redirection of this endowment prior to ten years from the date established shall require the prior approval of the Ohio Board of Regents.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Ohio Eminent Scholar in Mechanical Systems

The Ohio Eminent Scholar in Mechanical Systems was established March 6, 1987, by the Board of Trustees of The Ohio State University with \$500,000 awarded by the General Assembly of Ohio and a matching \$500,000 from Unrestricted Gifts to the University.

The funds are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide salary and program support for the work of an outstanding scholar-leader in Mechanical Systems. Appointment as the Ohio Eminent Scholar in Mechanical Systems will be recommended by the Dean of the College of Engineering to the Provost and President and approved by the Board of Trustees.

Should the need for this position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for education and research in mechanical engineering. Any redirection of this endowment prior to ten years from the date established shall require the prior approval of the Ohio Board of Regents.

The AEP Fund in Electric Power Systems Engineering

The AEP Fund in Electric Power Systems Engineering was established March 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the American Electric Power Service Corporation.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to modernize the department's undergraduate power systems machinery laboratory. The objective of this fund is to enhance the electric power systems engineering education and research program in the Department of Electrical Engineering. The Chairperson of the Department of Electrical Engineering is authorized to invade the principal amount of the endowment if necessary. The Chairperson of the Electrical Engineering department will have sole authority to authorize expenditures from the fund, as approved by the Dean of the College of Engineering. Any unused annual income from the fund will be reinvested in the principal.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The AEP Fund in Electric Power Systems Engineering (contd)

determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for electrical engineering education.

Sabatino Research Fund for Cystic Fibrosis

The Sabatino Research Fund for Cystic Fibrosis was established March 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Janet R. and Thomas R. Sabatino in honor of Laura Rings.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cystic fibrosis research in The Ohio State University Department of Pediatrics at The Columbus Children's Hospital under the direction of Dr. Gordon Young or his successor.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Medicine.

Helen Earnhart Harley Creative Writing Fellowship Award

The Helen Earnhart Harley Creative Writing Fellowship Award was established March 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Theodore H. Harley of Pittsburgh, Pennsylvania.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to create an award for an outstanding Ohio State University student in creative writing. The amount of the award shall be no less than \$1,000 in any given year. The recipient of the award shall be selected by a committee of faculty in creative writing, and any additional faculty deemed appropriate. The committee shall be appointed by the Chairperson of the Department of English.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Helen Earnhart Harley Creative Writing Fellowship Award (contd)

determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Humanities.

The Virginia Hull Research Award

The Virginia Hull Research Award was established March 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Virginia Hull of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide research support to women faculty members in the College of Humanities who are at the ranks of assistant or associate professor. One annual award will be made in the amount of \$1,500. As with other segments of the Humanities Fund, the Virginia Hull Research Award will be administered by a special committee of the College of Humanities which will include the donor or her representative and which will be chaired by the Associate Dean of the College.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Humanities.

The Edward F. Wagner Scholarship Fund

The Edward F. Wagner Scholarship Fund was established March 6, 1987, by the Board of Trustees of The Ohio State University with gifts from Nationwide Foundation and Edward F. Wagner. Mr. Wagner is a former member of the Board of Directors of The Ohio State University Development Fund, was chairman of that Board in 1977 and 1978, and received the University's Distinguished Service Award for service to the University and the community in 1978.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide financial aid to students from Adams, Lawrence and Scioto (Ohio) counties who demonstrate financial need and display leadership potential. Selection of the recipients shall be made by the University Committee on Student Financial Aid.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Edward F. Wagner Scholarship Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for student financial aid.

The Deacon-Firebaugh Graduate Fellowship

The Deacon-Firebaugh Graduate Fellowship was established March 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Ruth E. Deacon, Francille M. Firebaugh and friends to recognize the longstanding co-authorship of texts in the family resource management field.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide a graduate fellowship(s) in the College of Home Economics, Department of Family Resource Management. Students currently enrolled in the department, or applying, are eligible and may receive the award in consecutive years. The recipients will be students with good academic standing and potential for contributions to the field of family resource management. The recipients will be chosen by the Department of Family Resource Management, in consultation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Home Economics.

The Professor Charles Clements Morris Mathematics Endowment

The Professor Charles Clements Morris Mathematics Endowment was established March 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from an anonymous donor in honor of Professor Charles Clements Morris, Professor of Mathematics from 1908 to 1945.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Professor Charles Clements Morris Mathematics Endowment (contd)

The annual income shall be used for needed and worthy projects in the Department of Mathematics in such a way as to bring honor to and perpetuate the memory of Professor Charles Clements Morris. Preference shall be given to providing assistance to undergraduate mathematics majors and to high school graduates intending to become mathematics majors who: a) have achieved or are likely, based on their high school records, to achieve an overall G.P.A. of at least 3.25 in mathematics; b) intend to become high school teachers of mathematics; c) would otherwise be financially unable to enroll or continue their enrollment at The Ohio State University. All expenditures from the fund shall be initiated by the Chairperson of the Department of Mathematics and approved by the Dean of the College of Mathematical and Physical Sciences, in consultation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Department of Mathematics.

The John McKittrick Family Fund

The John McKittrick Family Fund was established March 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from John and Ann McKittrick. Their daughters, Mindy McKittrick Roberts and Mary McKittrick Reames, have each arranged for deferred gifts of \$200,000.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be divided into percentages and distributed as follows. Each of the following areas is to receive 10% of the annual interest income: College of Agriculture (Department of Dairy Science, Dairy Cattle Judging Team), College of Home Economics, 4-H Support Fund, Mershon Center, and WOSU. The Department of Athletics is to receive 50% of the annual interest income. The interest income is to be used by the head of each area in any way they see fit to maintain or improve their level of excellence.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the various areas mentioned above.

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Claude E. Altenburg, Jr., Award

The Claude E. Altenburg, Jr., Award was established March 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends of Claude E. Altenburg, Jr., B.S.Pharm.'43, formerly of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be awarded to one or more graduate or undergraduate students enrolled in the College of Pharmacy. Criteria for the award shall be established by the Awards, Financial Aid, and Scholarship Committee within the College of Pharmacy. Awards recipients will be chosen by this committee in consultation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Pharmacy.

Change of Name and Description of Named Fund

**Julia I. Dalrymple
O.S.U. Home Economics Education Endowed Research Fund**

The Julia I. Dalrymple O.S.U. Home Economics Education Endowed Graduate Fellowship was established February 3, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Julia I. Dalrymple, Ph.D. '53, Columbus, Ohio. The name and description were changed March 6, 1987.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to the principal until the fund reaches \$10,000. At that time the income shall be used to provide research support in Home Economics Education. Expenditures from the fund shall be approved by the Home Economics Education Graduate Faculty.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Fund (contd)

Julia I. Dalrymple
O.S.U. Home Economics Education Endowed Research Fund (contd)

University who is then directly responsible for Home Economics Graduate Study.

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**REQUEST FOR CONSTRUCTION BIDS AND
ESTIMATE OF COST-FUNDING
PRESSEY HALL REMODELING**

Resolution No. 87-98

Synopsis: Authorization to request construction bids is proposed.

WHEREAS the plans and specifications for this project have been completed and, at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees authorize the request for construction bids:

Project: Remodeling selected spaces in Pressey Hall to provide administrative support space, faculty and staff offices, teaching and research laboratories and a Speech Language and Hearing Clinic for the Department of Communication, College of Social and Behavioral Sciences as a part of the West Campus Relocation Plan.

Authorization to employ an architect/engineer was given February 7, 1986.

Funding: HB 870 U & R and University Funds

Estimated Construction Cost: \$ 820,000.00

Estimated Project Cost: \$1,015,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Immke, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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March 5 and 6, 1987 meeting, Board of Trustees

**REQUEST FOR CONSTRUCTION BIDS AND
ESTIMATE OF COST-FUNDING
LORD/HOPKINS RENOVATION
RELOCATION OF ART LABORATORY**

Resolution No. 87-99

Synopsis: Authorization to request construction bids is proposed.

WHEREAS the plans and specifications for this project have been completed and, at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees authorize the request for construction bids:

Project: Remodeling of existing Suite 019 of Lord Hall to accommodate the majority of the Department of Art's printmaking facility. The teaching laboratories presently in Scott Hall will be moved to Hopkins Hall, after Hopkins Hall is renovated, and will occupy the space vacated by the print-making operation.

Authorization to employ an architect/engineer was given on February 7, 1986.

Funding: HB 870 U & R and University Funds

Estimated Construction Cost: \$500,000.00

Estimated Project Cost: \$625,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Immke, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 87-100

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration, in accordance with established University procedures, to request

March 5 and 6, 1987 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

WEXNER CENTER FOR THE VISUAL ARTS - PHASE II

Description: This phase of the project involves the actual construction of the Wexner Center for the Visual Arts which will be a showcase for the University's collections. The Center will also provide the citizens of our community with local, national and international public programs and exhibitions. Construction is scheduled to begin in the spring of 1987 and be completed in the fall of 1989.

General Contract

Date Received:	December 10, 1986
No. of Bids:	5
Low Bid:	\$14,871,000.00*+
High Bid:	\$16,099,000.00*
Estimate of Cost:	\$13,919,850.00*
Awarded to:	Dugan and Meyers Construction Co., Cincinnati, OH

Plumbing Contract

Date Received:	December 10, 1986
No. of Bids:	6
Low Bid:	\$ 716,800.00*+ ++
High Bid:	\$ 945,567.00*
Estimate of Cost:	\$ 497,880.00*
Awarded to:	Radico, Inc., Columbus, OH

*Recommended alternates reflected in these figures.

+General and Plumbing contracts are in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

++Low bidder withdrew its bid due to clerical error; awarded to second low bidder.

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

WEXNER CENTER FOR THE VISUAL ARTS - PHASE II (contd)

HVAC Contract

Date Received:	December 10, 1986
No. of Bids:	6
Low Bid:	\$ 2,176,777.00*
High Bid:	\$ 2,656,000.00*
Estimate of Cost:	\$ 2,195,670.00*
Awarded to:	ATF Mechanical, Columbus, OH

Electric Contract

Date Received:	December 10, 1986
No. of Bids:	3
Low Bid:	\$ 3,246,850.00*
High Bid:	\$ 3,778,350.00*
Estimate of Cost:	\$ 3,397,200.00*
Awarded to:	Romanoff Electric Corp., Dublin, OH

Total All Contracts \$21,011,427.00*

Total Contingency Allowance: \$ 1,050,571.36 (which is 5 percent of construction costs)

Total Moveable Equipment: \$ 1,692,500.00

Total Project Cost: \$28,482,942.00*

Funding: Contributions to The Ohio State University
Development Fund

*Recommended alternates reflected in these figures.

Alternate 27 - Sprinkler Protection for Art Storage Room 093 in the amount of \$15,500.00 and Alternate 28 - Sprinkler Protection for Art Storage Rooms in the amount of \$7,000.00 are in the process of being added to the contract. Recommended prime contractors have agreed to hold their prices on all remaining alternates through March 23, 1987.

BIOTECHNOLOGY CENTER PHASE I - RIGHTMIRE HALL

Description: This phase of the project involves the remodeling of a portion of the second floor of Rightmire Hall to provide office and administrative space, research laboratory space, and spaces for certain

March 5 and 6, 1987 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

BIOTECHNOLOGY CENTER PHASE I - RIGHTMIRE HALL (contd)

research laboratory services critical to the initial establishment of a major Biotechnology Center.

Demolition Contract

Date Received:	December 9, 1986
No. of Bids:	10
Low Bid:	\$ 144,870.00 ⁺⁺
High Bid:	\$ 185,880.00
Estimate of Cost:	\$ 192,000.00
Awarded to:	O B Construction, Columbus, OH

Construction - General Contract

Date Received:	January 27, 1987
No. of Bids:	6
Low Bid:	\$ 577,000.00
High Bid:	\$1,200,000.00
Estimate of Cost:	\$ 614,475.00
Awarded to:	Mid-State Builders, Columbus, OH

Construction - Plumbing Contract

Date Received:	January 27, 1987
No. of Bids:	5
Low Bid:	\$ 253,350.00 ⁺
High Bid:	\$ 298,000.00
Estimate of Cost:	\$ 214,800.00
Awarded to:	Diewald & Pope, Columbus, OH

⁺Plumbing Contract and HVAC Contract are in excess of filed estimate of cost; however, the total price of all contracts is less than the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

⁺⁺Low bid not accepted as bid not properly submitted; awarded to second low bidder.

March 5 and 6, 1987 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

BIOTECHNOLOGY CENTER PHASE I - RIGHTMIRE HALL (contd)

Construction - HVAC Contract

Date Received:	January 27, 1987
No. of Bids:	7
Low Bid:	\$ 335,600.00 ⁺
High Bid:	\$ 452,000.00
Estimate of Cost:	\$ 248,715.00
Awarded to:	R. M. Giehl, Columbus, OH

Construction - Electric Contract

Date Received:	January 27, 1987
No. of Bids:	7
Low Bid:	\$ 256,199.00
High Bid:	\$ 365,500.00
Estimate of Cost:	\$ 438,600.00
Awarded to:	Buckeye Electric, Dayton, OH

Total All Contracts (Base): \$1,422,149.00

Total all Contracts with
accepted alternates: \$2,050,966.00

Total Equipment: \$1,297,162.00

Total Contingency Allowance: \$ 205,417.00 (which is 10 percent of construction costs)

Total Project Cost: \$4,100,000.00

Funding: University Funds

⁺Plumbing Contract and HVAC Contract are in excess of filed estimate of cost; however, the total price of all contracts is less than the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

**REGIONAL CAMPUS ROOF REPLACEMENT 1986
MANSFIELD/MARION**

Description: This project involves the replacement of deteriorated roofs on Ovalwood Hall and Bromfield Hall at the Mansfield Regional Campus and

March 5 and 6, 1987 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**REGIONAL CAMPUS ROOF REPLACEMENT 1986
MANSFIELD/MARION (contd)**

on Morrill Hall at the Marion Regional Campus. Construction is scheduled to begin in the spring of 1987 and be completed within six months.

General Contract - Mansfield Campus

Date Received:	January 13, 1987
No. of Bids:	7
Low Bid:	\$206,932.00**
High Bid:	\$275,990.00*
Estimate of Cost:	\$203,620.00*
Awarded to:	J B & Company, Inc., Tiffin, OH

General Contract - Marion Campus

Date Received:	January 13, 1987
No. of Bids:	7
Low Bid:	\$115,802.00
High Bid:	\$153,822.00
Estimate of Cost:	\$135,720.00
Awarded to:	Industrial First/Bright Co., Columbus, OH

Total All Contracts: \$322,734.00*

Total Contingency Allowance: \$ 20,976.82 (which is 6.5 percent of construction costs)

Total Project Cost: \$352,315.00*

Funding: HB 870 U & R

*Recommended alternate reflected in these figures.

+General Contract - Mansfield - is in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

March 5 and 6, 1987 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

Upon motion of Mr. Berry, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REAPPOINTMENT OF INVESTMENT ADVISORS

Resolution No. 87-101

Synopsis: Reappointment of Investment Advisors is proposed.

WHEREAS it is the policy of The Ohio State University to utilize the services of external Investment Advisors to assist in the management of the University's Endowment Fund; and

WHEREAS the Fiscal Affairs Committee of the Board of Trustees periodically reviews the results obtained by external Investment Advisors and the amount of funds assigned to each of them; and

WHEREAS it is prudent investment policy to adjust the mix and amounts of money assigned to external Investment Advisors as economic conditions change; and

WHEREAS the number of external Investment Advisors and the amount of funds assigned to them shall be determined by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee of the Board of Trustees the following named external Investment Advisors shall be reappointed to counsel in the management of Endowment Fund investments totaling the initial amounts indicated:

Centerre Trust Company	\$20,000,000
The Chicago Corporation	\$25,000,000
Neuberger & Berman Mutual Funds:	
Energy Fund	\$ 2,000,000
Guardian Fund	\$ 2,000,000
Partners Fund	\$ 1,000,000
Nicholas-Applegate Capital Management	\$10,000,000
Siebel Capital Management, Incorporated	\$21,000,000
STW Fixed Income Management, Incorporated	\$20,000,000

Upon motion of Mr. Teaford, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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March 5 and 6, 1987 meeting, Board of Trustees

**AUTHORIZATION FOR DESIGNATED OFFICIALS TO
BUY, SELL, ASSIGN AND TRANSFER SECURITIES,
TO DEPOSIT OR WITHDRAW FUNDS FROM BANK ACCOUNTS,
AND TO DESIGNATE DEPOSITORIES**

Resolution No. 87-102

Synopsis: The reaffirmation of Board of Trustees Resolution No. 83-96 (March 4, 1983), which authorized designated officials to buy, sell, assign and transfer securities, to deposit or withdraw funds from bank accounts held in the name of The Ohio State University, and to designate depositories is requested.

WHEREAS designated officials of the University buy, sell, assign and transfer stocks, bonds and other financial instruments owned by The Ohio State University; and

WHEREAS various financial institutions are designated as depositories for The Ohio State University; and

WHEREAS accounts at various financial institutions are opened and maintained in the name of The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration and/or the Treasurer be authorized and empowered to buy, sell, assign and transfer any and all stocks, bonds, evidences of interest and/or indebtedness, rights and options to acquire or to sell the same, and all other securities corporate or otherwise, standing in the name of or belonging to The Ohio State University in any capacity; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Administration and/or Treasurer be authorized and empowered to designate various financial institutions as depositories for The Ohio State University and open and maintain accounts at various financial institutions in the name of The Ohio State University; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Administration and/or the Treasurer be authorized, on behalf of The Ohio State University and in its name, to sign checks, drafts, notes, bills of exchange, acceptances or other orders for the payment of money from said accounts; to endorse in writing or by stamp checks, notes, bills, certificates of deposit or other instruments owned or held by this University for deposit in said accounts or for collection or discount by said banks; to accept drafts, acceptances, and other instruments payable to said banks; to waive, demand, protest, file notice of protest, or dishonor any check, note, bill, draft or other instrument made, drawn or endorsed by the University.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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March 5 and 6, 1987 meeting, Board of Trustees

STUDENT HEALTH INSURANCE

Resolution No. 87-103

Synopsis: Renewal of the Student Health Insurance Program with Central Benefits Mutual Insurance Company, formerly known as Blue Cross of Central Ohio, is proposed.

WHEREAS on April 5, 1985, this Board awarded a two-year competitively bid contract (effective Autumn Quarter 1985) to provide Student Health Insurance; and

WHEREAS after consideration of the desires and concerns of the students who purchase the insurance, the Student Health Insurance Committee of the Council on Student Affairs has recommended -- and the full Council on Student Affairs has ratified this recommendation -- that the renegotiated contract continue to provide the existing benefits plus the following improved benefits:

Increase the daily semi-private hospital room and board rate from \$195 to \$210 for 1987-88.

Increase the preventive dental benefit for x-rays, if needed, from \$20 to \$30.

Increase the surgical fee for removal of impacted teeth

Covered by bone from \$60 to \$75

Soft tissue from \$50 to \$60

Add a benefit of \$50 for general anesthesia for the removal of impacted teeth.

Add a benefit for endodontic root canal

\$50 for one per tooth

\$75 for two per tooth

\$112.50 for three per tooth

WHEREAS this program will be available on an optional basis to all registered students for the following proposed Quarterly Premium Rates:

<u>Classification</u>	Expiring Quarterly Rates	Proposed Quarterly Rates
	<u>1986-87</u>	<u>1987-88</u>
Student	\$ 51	\$ 55
Student and Spouse	151	163
Student, Spouse and Children	218	236
Student and Children	117	127

NOW THEREFORE

BE IT RESOLVED, That Central Benefits Mutual Insurance Company be awarded the renegotiated Student Health Insurance contract effective the first day of classes, Autumn Quarter 1987 for a period of one year. The contract will provide the benefits outlined above as well as those now available under the terms of the current contract.

March 5 and 6, 1987 meeting, Board of Trustees

STUDENT HEALTH INSURANCE (contd)

Upon motion of Mr. Teafor, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 87-104

RESOLVED, That the report on the University's Investment Portfolio, dated February 20, 1987, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**QUARTERLY REPORT -
WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS**

Resolution No. 87-105

RESOLVED, That the quarterly report on the Waivers of Competitive Bidding Requirements, dated October through December 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, April 2, 1987, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

Edmund C. Redman
Vice Chairman

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APPENDIX III

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 20, 1987

Commencement Speaker

John P. Hirth

John P. Hirth is a professor in the Department of Metallurgical Engineering who is one of the most distinguished metallurgists in the world today.

Hirth's work concerns the fundamental properties of metals—how and why they fracture. His ideas have contributed to an improved understanding of the properties of alloys and have led to many applications in industry.

Professor Hirth received his B.S. and M.S. degrees in metallurgical engineering from Ohio State and his Ph.D. degree from Carnegie Institute of Technology (now Carnegie-Mellon University). He was a Fulbright Research Fellow at Bristol University in England and has taught at Carnegie, Stanford, the University of Mexico, and Oslo University in Norway. In 1961, Hirth was appointed as Mershon Associate Professor of Materials Science and Metallurgical Engineering at Ohio State.

Hirth is the author or coauthor of more than 290 articles and the coauthor of two books, as well as serving as editor of several others. His service to Ohio State includes participation in many University-wide committees and councils, including the Board of Directors of The Research Foundation and the University Promotion and Tenure Committee. Hirth also is a member of the Carnegie-Mellon University Visiting Committee.

He was named a Fellow of the American Society of Metals in 1971 and was elected to the National Academy of Engineering in 1974. Hirth has been honored with Ohio State's highest research awards, including the University Distinguished Scholar Award and the College of Engineering Distinguished Research Award. He has earned recognition for teaching excellence as well with the Mars G. Fontana Teaching Award and the MacQuigg Teaching Award.

Since 1974, Professor Hirth has been editor of *Scripta Metallurgica*, a leading professional journal, and has advised various federal agencies and laboratories, including the Department of Defense, the National Science Foundation, the National Bureau of Standards, Battelle Memorial Institute, and the Los Alamos National Laboratory Center for Materials Science. The University is very pleased to welcome this distinguished faculty member and alumnus as commencement speaker today.

Recipients of Honors

Alfred D. Chandler, Jr. Doctor of Humane Letters

Alfred D. Chandler, Jr. is the Straus Professor of Business History at Harvard University. He is widely recognized as the world's leading figure in the study of business history and has done much to clarify and explain the development patterns of American business firms and their effect on history. His approach to history, known as the "organizational synthesis," has influenced the teaching of history and other academic fields at Ohio State and across the nation.

Professor Chandler received his A.B., M.A., and Ph.D. degrees from Harvard University. He has taught at the Massachusetts Institute of Technology, Johns Hopkins University, and at Harvard University since 1970. His book, *The Visible Hand: The Managerial Revolution in American Business*, incorporating his research and scholarship, received the Bancroft and Pulitzer prizes and has stimulated a reinterpretation of American history.

Recently retired from active teaching, Chandler has trained numerous graduate students, many of whom are now leading business historians. He has written or coauthored four major books in his field and has written several chapters in books, articles, essays, and book reviews for numerous journals. While at Johns Hopkins University, Professor Chandler was the editor of the *Eisenhower Papers* and served as one of its trustees from 1971 to 1981.

In addition to his scholarly pursuits, he has served on the executive board of the Organization of American Historians; on the editorial boards of *Business History Review*, *Strategic Management Journal*, and the *New England Quarterly*; and is a trustee of the Eleutherian Mills Hagley Foundation. Chandler was the chairman of the Historical Advisory Committee for the U.S. Atomic Energy Commission from 1969 to 1977.

Professor Chandler has received honorary degrees from the University of Leuven, the University of Antwerp, and Babson College. He is currently in the latter stages of a comparative study of business firms from around the world—work which promises to provide all modern historians with important new ways of understanding our past and present conditions. The Ohio State University is very proud to confer its highest award upon this distinguished teacher, researcher, and scholar.

Yoshiyuki Funatsu Doctor of Engineering

Yoshiyuki Funatsu is vice president of All Nippon Airways, Japan's largest domestic carrier and fifth-largest passenger service in the world. He is acknowledged as an international leader in the application of flight safety measures to commercial aircraft.

Mr. Funatsu pursued his graduate work in aeronautical engineering as a Fulbright Scholar at The Ohio State University in the early 1950s. He was one of the first Japanese engineers to study jet engines in the United States after World War II.

While in this country, he had frequent contact with the Civil Aviation Authority (now the FAA), which led to the formation of the Japanese counterpart, the Japan Civil Aeronautics Board. While with the JCAB, Mr. Funatsu developed farsighted safety regulations and procedures which are still in effect today. During the past decade, he has had major responsibilities for the introduction of wide-body commercial aircraft to Japanese domestic service.

Today, Mr. Funatsu serves on several government and industrial councils in Japan, including committees for the Ministry of International Trade and Industry. He is also managing director of both the New Japan Aircraft Maintenance Company, Ltd., and Japan Aircraft Manufacturing Company, Ltd. Mr. Funatsu was president of the International Federation of Airworthiness, and he has an extensive list of publications and lectures on airlines maintenance, flight safety, and the future of aviation to his credit.

Mr. Funatsu has amply demonstrated outstanding technical and managerial skills, which have earned him great respect as a leader in the international airline industry. We take pride in this alumnus who has put his knowledge to work for the benefit of this industry and the safety and comfort of the worldwide traveling public. Ohio State is very pleased to recognize Yoshiyuki Funatsu with the honorary degree, Doctor of Engineering.

Recipients of Honors

Ullrich Georg Trendelenburg Doctor of Science

Ullrich Georg Trendelenburg is the Ordentlicher Professor at the Institute for Pharmacology and Toxicology of the University of Wurzburg in the Federal Republic of Germany. He is a world renowned scholar in pharmacology and biomedical science, noted for his contributions in researching and explaining drug actions on the nervous systems.

Born in Gehlsdorf, Germany, Professor Trendelenburg received his M.D. from the University of Gottingen, his Ph.D. degree in pharmacology from Oxford University, and Master of Arts Honors from Harvard University. He taught pharmacology at Harvard Medical School for more than ten years before joining the University of Wurzburg in 1968.

For more than 35 years, Trendelenburg has been concerned with improving the quality of pharmacological research and education at the international level. His research has directly influenced many young scientists in the United States and abroad, particularly in the understanding of information transmission in the nervous system and the effect drugs have on that system.

Trendelenburg is currently managing editor of the *Naunyn-Schmiedeberg's Archives of Pharmacology*, associate editor of *Pharmacological Reviews* and *Trends in Pharmacological Sciences*, and past president of the German Pharmacological Society. He has over 150 publications to his credit.

Dr. Trendelenburg has received honorary degrees from Tampere University in Finland and from Porto University in Portugal. He is an honorary member of the pharmacological societies of Poland, India, and Czechoslovakia. Ohio State is proud to recognize this outstanding scientist, scholar, and educator.

The Graduate School

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Doctor of Philosophy

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Donald J. Green, Brown City, MI; B.A. (Michigan State University); *Labor and Human Resources*

Peggy Stratman Jenks, Columbus; B.S.Bus.Adm.; *Labor and Human Resources*

John Thomas Mader, London; B.A. (University of Notre Dame); *Labor and Human Resources*

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 Susan Margaret Iler, South Euclid
 Michele Kragalott, Massillon
 Clare Louise Lockhart, Chatham, NJ
 Monica Susan Matre, Dayton
 Scott Adam Mittman, Columbus

Angela Marie Oestreicher, Canal Winchester
 Mark John Pappas, Troy
 Catherine Marie Parts, Kettering
 Teresa Marie Regalsky, Martins Ferry
 Kimberly Ann Rose, Westerville
 Charles S. Segal, Dayton
 Curtis Lee Stallworth, Cincinnati
 Richard Thomas Stunek, Broadview Heights
 David Matthew Sweet, Lexington
 Maria Elaine Vitale, Columbus

College of Agriculture

Dean: Frederick E. Hutchinson

Bachelor of Science in Agriculture

Paul William Acton, Toronto
 Todd Jerome Anderson, Lewisburg
 Jill Anne Barnhill, Marion
 Bryna Lee Bass, Cincinnati
 Michael Patrick Brady, Lakewood
 Shelley Lynn Briley, Crownpoint, NM
 Kathryn Ann Campbell, Washington Court House
 Bryan Arthur Champion, Bluffton
 Rutherford Clabaugh, Lockbourne
 Karen Ann Cloyd, Columbus
 Richard Carle Conrad, Monroe
 Pamela Lynn Cooley, Columbus
 Cesar Mauricio Cordon, Columbus
 Jeffrey Todd Davis, Columbus
 Dixie Lynn Dearth, Stockport
 Keith W. DeVoe, Xenia
 Jerianne Donovan, Delaware
 Stephanie Pauline Earnhart, Poland
 Michael Joseph Eberts, Columbus
 Mark Edwin Eichelberger, Shawnee Hills
 Joseph Anthony Enciso, Mechanicsburg
 Michael Joseph Gelhaus, New Weston
 Lisa Marie Gibbon, Grand River
 Brian Alan Giles, East Setauket, NY
 Heidi Lynne Halder, Xenia
 Douglas Wade Leaman, Chardon
 Rhea Kay Lemmel, Columbus
 Elisa Pamela Lyth, Cleveland Heights
 Devery Lynne Maier, Huntsville
 Dean Arthur Massmann, Deshler
 Allen Edward Mautz, Columbus
 Suzanne Lynne McCachren, Columbus
 Burdette William Meyer, Defiance
 Roy Frederick Miller, Lebanon
 Duane David Moff, Westerville
 Randall David Moomaw, Wooster
 Scott Bennett Morrow, Cincinnati
 David Phillip Nusbaum, Vaughnsville
 Kathleen S. Parker, Pomeroy
 Donald James Perry, Columbus
 Bradley Kurt Plouse, Reynoldsburg
 William Stevenson Richards, Circleville
 Samuel Scott Roberts, Mechanicsburg
 Gretchen Ann Roser, Wapakoneta
 David Charles Rowe, Ironton
 Jane Elizabeth Schaeffer, Wyoming
 Margaret Mary Schnipke, Ottawa

Cheryl Ann Shiningier, Delta
 Christine Marie Stacoffe, Chesterfield, MO
 Alan David Stammen, Rossburg
 Robin Dee Stephenson, Otway
 Curtis Lee Strauss, Newark
 James William Thomas, New Philadelphia
 Joy Priscilla Tibbetts, Columbus
 Todd Wiley Townsend, Westerville
 Francis Au Foo Weng, Columbus
 Regina Lynne Williams, Sciotoville
 Carl Andrew Wittenauer, Jr., Hubbard
 Jay Lynn Woodworth, South Vienna
 Scott Andrew Young, Mansfield
 Bruce Paul Zimmer, Marietta

Bachelor of Science in Food Science

Shirley Denise Bartee, Cleveland
 Lisa Frances Davis, Bellefontaine
 Jeff Wayne Liebrecht, Delphos
 Maureen Annette Pollock, New Albany

Bachelor of Science in Food Technology

Thomas Brogan Doody, Port Clinton
 Brent Wayne Eichar, Columbus

School of Natural Resources

Bachelor of Science in Natural Resources

Verdie Jay Abel, Cincinnati
 Kenneth Houston Bebout, Gambier
 Charles J. Bill, Cincinnati
 Barbara Ann Butler, Berea
 Robert Leonard Carlson, Warren
 Sherry Lynn Christian, Columbus
 Daniel Lee Dardio, Wapakoneta
 John Kevin Deet, Cleveland Heights
 Wendy Sue Hanna, Mt. Gilead
 Deborah Lynn Heineman, East Amherst, NY
 David Benjamin Kirshen, Marion
 Treva Jean Knasel, Columbus
 Raymond Stanley Royak, Jr., Parma
 Jill Janette Schweiger, Williamsburg
 Robert Louis Tartell, Reynoldsburg
 Jeffrey Douglas Yingling, Columbus

Agricultural Technical Institute - Wooster

Associate in Applied Science

Lori Lee Ballenger, Marion
 Brian Thomas Bowman, Elida
 Dale R. Bradshaw, Avon
 Kevin Ray Chenetski, Pickerington

Michael Scott Daugherty, Wooster
 Lyn Alan Davidson, Quincy
 Kelly Edward Evans, Massillon
 Brian David Freeman, Wellington
 Thomas Joseph Frey, Lyndhurst
 Jeffrey William Hambleton, Willoughby Heights
 Douglas William Hoffman, Marion
 Mary Elizabeth Hopkins, Millersburg
 Jane E. Kehl, Louisville
 Denise Lynn Klein, Elyria
 Blaine William Kohler, Wapakoneta
 Joel Patrick Korte, Medina
 Todd Loren Layman, Fresno
 Kristin William Little, Killbuck
 James Leroy Ludwig, Bryan
 Douglas John Majors, Middletown
 Lynn Rae McClure, Mantua
 Rodney Alan Moulin, Alliance
 Anna Marie Myroniak, Parma
 Mary Michele Patterson, Millersburg
 Bruce C. Paul, Massillon
 Bruce Charles Rawson, Akron
 Jeffrey Scott Raynor, Wadsworth
 Robert William Scheiderer, Milford Center
 William Thomas Schroeder, Mansfield
 Tracy Lynn Schuessler, Wooster
 Tim Andrew Schwab, Oxford
 Kimberly Anne Spock, Imperial
 Jason Bruce Steiner, Smithville
 Jeff Alan Swope, North Lima
 Vernon Eugene Tenney, Norton
 Steven James Vaske, Medina
 Daniel James Walter, Northfield
 Mark Steven Warman, Lakewood
 Constance Marie Weber, Canton
 Valerie Lynn Wells, Gnadenhütten
 Robert Roy Wilkins, Wooster
 Anthony John Wise, Hartsville

College of Business

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Nor Khalidah Abu, Johor, Malaysia
 Monique Yvette Adair, Akron
 Hassan Ahmad Akarri, Beirut, Lebanon
 Demitric Gizelle Alberson, Columbus
 James Makoto Alger, Cleveland
 Heike Allmann, Darmstadt, Germany
 Howard Lee Ammons, Findlay
 Douglas C. Anderson, Farmington Hills, MI
 Gary James Bachinski, Upper Arlington
 Robert C. Badgley, Hamilton
 Melissa Laurie Barnett, Warren
 Ira Allen Bartee, Cleveland
 Richard Campbell Bartels, Girard
 Scott Lemond Basinger, Coshocton
 Brent Richard Baumgardner, Coshocton
 Nora Rita Berkulis, North Olmsted
 Steven Phillip Bernstein, Dayton
 Mary Karen Bilotta, Fairfield

Arun Kumar Biswas, South Bend, IN
 Michael James Born, Columbus
 Robert Joseph Boros, Richmond Heights
 Sharon K. Bramel, Lenore, WV
 Jon David Brausch, Avon Lake
 Annette Marie Bricker, Grove City
 Brian Andrew Brigner, Dublin
 Jodi Lynn Brinksneider, Mt. Sterling
 Beritt Mylene Brown, Deer Park, NY
 Eduardo Savoryral Bryant, Columbus
 Gregg Raymond Budoi, Rocky River
 Brenda Lee Butler, Worthington
 Lorrita Marie Butts, Cleveland Heights
 David Callaghan, Columbus
 James Michael Canterucci, Niles
 C. Thomas Joseph Capuano, Jr., Columbus
 Patricia Anne Cash, Columbus
 Ronald Matthew Chapman, Portsmouth
 Kee Hin Chua, Singapore, Republic of
 Singapore
 Joseph Shih Hau Chung, Singapore,
 Republic of Singapore
 William Douglas Clegg, North Olmsted
 Tyron Drew Coleman, Powell
 Tracey Lynne Collins, Carroll
 Kevin Douglas Comer, Tiffin
 Maureen Rita Conley, Newark
 Jennifer Lee Cormany, Waverly
 Paul Randal Corns, Bucyrus
 Brian Keith Cunningham, Blacklick
 Russell Warren Curtis, Columbus
 Gregory Paul Dallas, Hatboro, PA
 Susan Fielder Darron, Rush, NY
 Tyler David Daubenmire, Worthington
 Douglas Edward Davidson,
 Greenwich, CT
 Gregory Scott Davis, Oyster Bay, NY
 Thomas Alan Davis, Perrysburg
 Michael Dean Deerhake, Lebanon
 Rose Ann De Lay, Groveport
 Christopher Charles DeLeo, Dublin
 Anthony Camillo DelMonte, Columbus
 David Gene Dennis, Spokane, WA
 Scott Christopher Dennison, Mansfield
 John Kenneth Dieker, Columbus
 Dianna Grace Dirr, New Bavaria
 Brenda Lynn Dodge, Middlebury, CT
 Michael Patrick Downs, Grosse Pointe
 Farms, MI
 William Patrick Doyle, Canton
 Marsha Jean Drushal, Hebron
 John Deno Duros, Upper Arlington
 John Paul Duza, Novelty
 Steven Craig Eldridge, Westerville
 Ziad Antoun El-Tayah, Beirut, Lebanon
 Steven Fain, Columbus
 Helen A. Farrington, Flushing, NY
 Robert Lloyd Felters, Jr., Coshocton
 Laura Kay Firestone, Tallmadge
 Mark Andrew Fischer, Newark
 James Stephen Franck, Columbus
 Stephen James Franz, Hebron
 David Darrin Fumi, Canfield
 Mary A. Gallina, Cincinnati
 John Eric Garber, Centerville
 R. Michael Gauch, Columbus
 Joseph Arthur Gift, Orville
 John Robert Gilkey, Cincinnati
 Robert James Given, North Olmsted

Blake White Godard, Akron
 Robert Joseph Goddard, Mentor
 Frank Howard Gordon, Columbus
 Jill Alison Grace, Marietta
 John W. Graham, Toledo
 Amy Marie Grathwol, Sandusky
 Susan Gail Greer, Delaware
 Scott R. Griffin, North Canton
 Kelvin Bouvier Grimes, Dayton
 Beth Nichols Grisemer, Cincinnati
 Amelia Ellen Gulick, Hebron
 Jane Ellen Haas, Caledonia
 William Thomas Haase, Columbus
 Allan S. Hall, Vermillion
 Zina Charmain Hamilton, Columbus
 Steven Clark Harris, Fairport, NY
 Jerome Robert Hasbrook, Canal
 Winchester
 Cheryl Faye Grigsby Hayes, Dayton
 Laurie Lee Hayes, Columbus
 Robert Oen Hayzlett, Wapakoneta
 Scott Alan Hazlett, Westerville
 Lorie Ann Heffley, Newark
 Linda Kay Henner, West Chester
 Harry L. Henning III, Columbus
 John W. Hepperle, Westerville
 Jacqueline Wei-Yen Ho, Kuala Lumpur,
 West Malaysia
 Patrick E. Hoertt, Centerville
 Robin Sue Honnold, Pataskala
 Thomas Clement Horwath, Kettering
 Todd Alan Houmard, Wooster
 Susan Lynn Housel, Jefferson
 Patricia Lynne Hoyer, Worthington
 John David Hritz, Boardman
 Christopher John Hubman, University
 Heights
 Jane Ann Hundsrucker, Toledo
 James Aaron Hunley, Reynoldsburg
 Kathi Annette Hunter, Columbus
 Omar Kalid Igram, Shaker Heights
 Donna Lynn Jamison, Medina
 Elizabeth Anne Johnston, Cincinnati
 Samuel Henry Jones, Westerville
 Steven Charles Joseph, Beachwood
 Sharon Elaine Jung, Sidney
 Susan Elaine Kayser, Pittsburgh, PA
 Brenda Sue Kemper, Columbus
 Steven Jerome Kershner,
 Martinsburg, WV
 Gerald Wayne Kesselring, Cincinnati
 Peter David Kevdzija, Westlake
 Richard A. Kirby, Salem
 Uran Kleosakul, Columbus
 Karla L. Klotz, Cincinnati
 Connie Ruth Knox, Raymond
 John Frederick Kope, Euclid
 Connie Lynn Kotnik, Elyria
 Kathleen Anne Kovach, Westerville
 John Michael Landwehr, Lima
 Constance Ann Larsen, Columbus
 Therese Ann Lenzo, Kent
 John C. Lim, Akron
 Shirley Ling Ling Lim, Singapore,
 Republic of Singapore
 Alexander Liu, Columbus
 Scott Alan Long, Latham
 Joanne Elizabeth Loos-West, Coshocton
 Frank Victor Lorubio, Struthers

Brian Lowry, Youngstown
 Kelley S. Mackey, Port Clinton
 Clara Ellen Magoto, Dayton
 Lisa Ann Mamula, Steubenville
 Edward DeLong Mangie, Poland
 Richard Manwaring, Troy
 Brian Nicholas Marsh, Columbus
 Randal Jay Martin, Wintersville
 Michael Stephen Mayers, Pepper Pike
 Ernest Dwight Mayse, Newcomerstown
 Christine Marie McConnell, New London
 Heather Carole McKenzie, Broadview
 Heights
 Jeffrey Scott McNaughton, Howard
 Adam V. Miller, Worthington
 Duane Daniel Miller II, Edgerton
 Julie Anne Miller, Marietta
 Eugene Girden Murgage II, Cincinnati
 Deborah Gayle Mullins, Gallipolis
 Lawrence Thomas Murnane, Galloway
 Kimberly Kay Murphy, Hebron
 Donald Ferguson Murray, Marietta
 David Lee Nagorski, Columbus
 Nhan Huu Nguyen, Columbus
 Gregory Phillip Niehoff, Gahanna
 Scott Timothy Novak, Columbus
 James David Olson, West Chester
 Teresa Bernadette Pachuta, Sandusky
 Tama Lynn Pack, Mansfield
 Julianne Maria Paesano, Columbus
 Michael Joseph Perez, Columbus
 Philip David Peters, Defiance
 Anthony Michael Pfennig, Bainbridge
 Michael Joseph Piatka, Tampa, FL
 Kristin Wesley Pittenger, Shelby
 Paige Pittman, New Paris
 Lorelei Kennedy Plaskett, Canton
 Vincent Thomas Pugh, Columbus
 John Thomas Reed, Jr., Grandview
 Heights
 Kenneth Franklin Reed, Trenton
 Genevieve M. Reiser, Toledo
 Michael Paul Richter, South Euclid
 Teresa K. Ricketts, Columbus
 Carl Edward Ridenour, Shelby
 Patricia Mary Robbins, Westerville
 Stephen Roger Roberts, Marion
 Ralph Harvey Root III, Upper Arlington
 Linda Michelle Rossie-Shirer, Columbus
 Scott John Ruffing, Worthington
 Ann Marie Ruhe, Ottawa
 Douglas Eugene Ryan, Mansfield
 Jan Eystein Saebø, Oslo, Norway
 Guillermo Sapia, Ponce, PR
 Eric Jerome Schimpf, Cincinnati
 David Thomas Scott, Medina
 Michael David Scott, Bedford, MA
 Mitchell Scott Seifert, South Euclid
 Naomi Ann Sherry, Versailles
 Stephen Parker Shirk, Columbus
 Kathleen Marie Sidley, Painesville
 Melanie Anne Slagle, Ohio City
 James Brian Smith, Dayton
 Nancy Carolyn Smith, Sciotoville
 Robert Edward Smith, Plymouth
 Mary Yvonne Souders, Grove City
 Jack C. Sowder, Jr., Kettering
 James Patrick Stepanek, South Euclid
 Pepper G. Stevens, Mansfield

Donn William Stewart, Pickerington
 Brent M. Stine, Shelby
 Sallie A. Sulser, Galion
 Yim Yee Szeto, Hong Kong
 Mun Keung Tam, Hong Kong
 Chay Boon Tan, Singapore, Republic of
 Singapore
 Hooi Min Tan, Kuala Lumpur, Malaysia
 Yih Pin Tang, Bowling Green
 John Tangkey, Surabaya, Indonesia
 John Allan Taylor, Falmouth, MA
 Michael Allen Taylor, North Kingsville
 Charles Wesley Templeton, Columbus
 Shawn Thacker, West Jefferson
 Melissa Kay Thompson, Kingston, Jamaica
 Teresa Marie Todd, Zanesville
 Dennis Ray Tomlinson, Vermilion
 Charles Bernard VanGundy, Columbus
 Renée Van Heyde, Columbus
 Sandra Lee Vanko, Newark
 Richard Gary Vernal, Jr.,
 Cinnaminson, NJ
 Stephanie Anne vonLohr, Centerville
 Yoon Chin Voong, Columbus
 James Micheal Wagner, Englewood
 Gary Lee Ward, Columbus
 Geoffrey David Warrell, Medina
 Teresa Marie Weed, Logan
 William Michael Weis, Cincinnati
 Douglas Allen Weishaar, Wadsworth
 Kurt Alan Weisheiser, Delaware
 Michael Robert Werner, Dayton
 Michael Edwin Wesel, Marietta
 Patrick Greene Whitney, Columbus
 David Scott Whitson, Milford
 Jeffrey A. Wiater, Cincinnati
 Lance Bradford Wierenga,
 Des Plaines, IL
 Lynne Elizabeth Wilkinson, Dayton
 Bradley M. Willett, Columbus
 Debra Ann Wilson, Lima
 Mark Alan Wiseman, Newark
 Mary S. Wolf, Columbus
 Gretchen Lynne Wycoff, Columbus
 Zalina Bte Zainol, Ipoh, Malaysia
 Raymond Edward Zanon, Columbus
 Todd Allan Zeid, Cleveland
 Eric Steven Zoner, Amelia

Debra Lynn Blunk, Mansfield
 Constance Anne Braun, Sandusky
 Michael Robert Broadwater, Canton
 Scott David Brown, Chardon
 Ronald Edward Brush, Jr., Columbus
 Mary Ann Burns, Columbus
 Teresa Sue Camelford, Powell
 Carol Lynn Capizzi, Sandusky
 Molly Siemer Carty, Columbus
 Cam Carver, Sandusky
 Michael Dennis Casey, Reynoldsburg
 John David Cervi, Toledo
 Kache Galadima Cham, Bauchi, Nigeria
 Hilary Beth Cohn, Lyndhurst
 Susan Mae Coke, Worthington
 David Jay Coleman, Galion
 Anthony Thomas Condo, Worthington
 Beverly Brown Connor, Pataskala
 James Andrew Craig, East Palestine
 Francesca Wilbur Crane, Coshocton
 Michelle Marie Crawford, Reynoldsburg
 Thomas E. Darnell, Marion
 Amy Lynn DeBonis, Hubbard
 Jill Elizabeth Donaldson, Columbus
 Jerrie Lee Dowler, Plain City
 Judith Miriam Ellman, Columbus
 Nureeddeen A. El-Yakub, Bauchi, Nigeria
 Marieva Ann Emigh, Shelby
 Elizabeth Jane Esterly, Cincinnati
 Penny Lou Eubank, Grand Rapids
 Christopher Brian Febes, Circleville
 Susan Ann Ferguson, Shelby
 Mary Jo Finks, Columbus
 Lori Ann Fisher, Wapakoneta
 Loretta Carol Freeman, Columbus
 Carlene June Friedley, Worthington
 Dauda Istifanus Galmaka, Bauchi, Nigeria
 Douglas Lane Glassburn, Marysville
 Sally Anne Goleeek, Columbus
 Garth Eugene Grate, Westerville
 Paul Kevin Gregory, Springfield
 Pamela Sue Groff, Mansfield
 Karen Marie Harnetty, Dublin
 René Lorraine Harper, Lima
 Diane Carol Hockman, Vanlue
 John William Hoelker, Columbus
 Daniel Zerah Hoover, Sandusky
 Tami Deanne Howbert, Lima
 Muhammad Bababa Ibrahim, Bauchi,
 Nigeria

Rebecca Lynn Jones, Carrollton
 Gail Lavonne Grabner Kasper, Columbus
 Michael Christopher Kee, Columbus
 Maria Louise Kilpatrick, Lima
 Larry Lee Kirk, Columbus
 Rachel Marie Knoderer, Mogadore
 Linda Shepard Kovanda, Columbus
 Mary Brown Lauber, Columbus
 Nancy Lou LeFebvre, Columbus
 Patty Steele Lehman, Upper Arlington
 Bonnie Jo Long, Delaware
 Julie Marie Lyons, Kettering
 Cheryl A. Manfresca, Steubenville
 Stephanie Lou-Ann Marter, Youngstown
 Linda Marie Maruska-Nephew, Cincinnati
 Brenda Scherz Massie, Norwalk
 Linda Sue McMahon, Worthington
 Margaret Louise Melvin, Delaware
 Elizabeth Jean Menning, Toledo

Abdu Yaro Mohammed Sani, Bauchi,
 Nigeria
 Margaret Virginia Mohler, Gahanna
 Leah Susan Moore, Belpre
 Edward James Moran, Jr., Columbus
 David Willson Morrill, Dublin
 Deanne Lee Mumford, Mansfield
 Jay Alan Mumford, Mansfield
 Laura Anne Newman, Beachwood
 Mary Elizabeth Nicolai, Cincinnati
 Jibrin Adamu Ningi, Bauchi, Nigeria
 Adamu Birma Omar, Bauchi, Nigeria
 Kathy M. T. Orr, Mansfield
 James N. Palmer, Jr., Columbus
 Scott Lynnes Paynter, Stow
 Gina Lynne Poyle, Elyria
 Dale R. Pugh, Columbus
 Julia Caroline Rajski, Toledo
 Denise Ann Ratliff, Columbus
 Jill Van Winkle Ray, Fredericktown
 Dianne Marie Reese, Canton
 John Moore Reilly, Oregon
 Susan Hiltery Reuver, Toledo
 Lynn Ellen Ritt, Columbus
 Janet L. Ross, North Cape May, NJ
 Ali Gar Sabo, Bauchi, Nigeria
 Abdullahi Ahmed Sade, Bauchi, Nigeria
 Glenn Raymond Sanderlin, Cardington
 Inuwa Ladan Shira, Bauchi, Nigeria
 John Robert Skidmore, Fairborn
 Mervin Todd Skiles, Pickerington
 Diane Lynn Smith, Fredericktown
 Susan Marie Steiger, Bucyrus
 Sandra Sherk Steiner, Dayton
 Beth Ann Stirn, Lima
 Victoria Katherine Topougis, Akron
 Glenn Christopher Trudo, St. Clairsville
 Joseph Robin Van-Camp, Tiffin
 Julie Kaye Vetter, Jackson Center
 Kimberly Ann Vivalo, Youngstown
 Marsha Leigh Waidelich, Circleville
 Denise Diane Wardlow, Groveport
 Lisa Anne Wentz, Shelby
 Susan Lynne Wilcox, Kenton
 Jeffrey Brian Winger, Steubenville
 Kimberly Ann Wingrove, New
 Philadelphia
 John M. Wolfe, Pickerington

College of Education

Dean: Donald P. Anderson

Bachelor of Science in Education

Ado Abubakar, Bauchi, Nigeria
 Christina Dawn Adams, Columbus
 Sani Mohammad B. Ahmad, Bauchi,
 Nigeria
 Abubakar Pindiga Ahmed, Bauchi,
 Nigeria
 Andrew Barde Alaji, Bauchi, Nigeria
 Joshua Benben Baka, Bauchi, Nigeria
 Isa Abdullahi Bara, Bauchi, Nigeria
 Roman Earl Bates, Memphis, TN
 Patrick Denton Belcher, Galloway
 Glenn Wade Bennett, Cincinnati

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

William Scott All, Newbury
 Mary Slay Berchak, Columbus
 Louis Robert Carreiro, Westport, MA
 Nadzir Bin Hashim, Kedah, Malaysia
 David Francis Ives, Pelham, NH
 Thomas Michael Keating, Brunswick
 James Frederick Kromberg, Columbus
 Jennifer Helen Mathie, Louisville
 Bradley Steven Sumner, Owensville
 Wendy Jo Weilnau, Milan

Bachelor of Science in Agricultural Engineering

William Michael Bezilla, Kirtland
Richard Bernard Bruns, Yorkshire
Patrick Edward Ernst, Sardinia
Louis Robert Seich, Massillon
Andrew John Wuensch, Litchfield

Bachelor of Science in Aviation

Kenneth James Diamond, Westerville

Bachelor of Science in Ceramic Engineering

David Michael Burkett, Salem
Andriana Marie Cantelli, Sandusky
Jon Fredrick Dirkse, Midland, MI
Gene Johnson Hewitt II, Louisville, KY
Thawi Iwagoshi, Bangkok, Thailand
Kraig L. Sager, Tiffin
Sara Ann Touse, Columbus
Karen Elaine Wray, Mt. Vernon

Bachelor of Science in Chemical Engineering

Michael Joseph Klaasse, Chagrin Falls
Charles Eli Malspeis, Worthington
Steven Anthony Putman, St. Marys
Timothy Alan Rash, West Chester
Kevin Edward Reilley, Strongsville
Athanasios Velalis, Thessaloniki, Greece

Civil Engineering

Abdulrahman S. Almansoor, Saudi Arabia

Bachelor of Science in Civil Engineering

Paul Richard Anderson, Tiffin
Joseph Stephen Bolzenius, Columbus
Scott Daugherty Campbell, Cincinnati
Lori Ann Chapin, Columbus
Vui V. Chung, Centerville
John George Damrath III, Lafayette, IN
David Alan Day, New Philadelphia
Nancy Karen Deakins, Columbus
Keith Dimoff, Munroe Falls
Robert James Dubnicka, Pepper Pike
Roger Henry Evans, Seville
Lawrence Joseph Fenbers, Dayton
Timothy George Greive, Akron
Penny Lynn Grierson, Dayton
Daniel Charles Groh, Franklin
James Allen Hall, Denver, CO
Keith Warren Herron, Warrensville Heights
Mark James Hunter, Kettering
Mohammad Faizul Islam, Dhaka, Bangladesh

Steven Philip Ivanic, Glenwood Landing, NY
Kathleen Ann Kempke, Strongsville
Eng Keong Lim, Batu Pahat, Malaysia
Brian W. Mack, Toledo
Kok You Mak, Ipoh Perak, Malaysia
Todd Allen McQuown, Bellefontaine
Gary Lee Middleton, Xenia
Matthew Tope O'Donnell, Gallipolis
Peter M. Rich, Youngstown
David Lee Rinehart, Mansfield
Dale Eugene Shumaker, Amanda
Kim Loon Tan, Columbus

Bachelor of Science in Computer and Information Science

Jeffrey Patrick Archer, Lexington
J. Norman Blubaugh, North Canton
Robert John Casey, Columbus
Cheryl Ann Cates, Columbus
Stephen William Coder, Columbus
Timothy Lee Crabtree, Lucasville
Carole Suzanne Cutter, Cincinnati
Robertson Grant Davenport, Canton
Craig David Douglas, Wadsworth
John Bradley Eakins, St. Clairsville
Susan Girgis, Springfield
Rejini Govindasamy, Petaling Jaya, Malaysia
Robert David Green, Fairfield
Mark Anthony Hutchison, Jackson
Paulus Wibowo Kartiko, Jakarta, Indonesia
Ziad Kawakibi, Aleppo, Syria
Lisa Ann Kozlowski, Parma
Thomas Andrew Maneri, Columbus
William Eric McFadden, Granville
Syed Farouk Naseem, Long Beach, CA
Andrew Lee Neugebauer, Lorain
John Edward Onusko, Houston, TX
Patrick J. Pleiman, Fort Loramie
Norbert Leonhard Priller, Westerville
Kevin Gregory Rubel, Woodsfield
Stephan Frederick Schober, Avon Lake
Clayton Brett Slaughter, Columbus
Samuel Woodrow Weber, Hollidaysburg, PA

Nicholas Todd Albert, Grove City
William Lee Baird III, Columbus
Lynn Marie Betemps, Cincinnati
Charles James Blakely, Columbus
Robert John Burns, Heath
Douglas Allen Carrera, Xenia
Russell Koehler Childers, Wadsworth
William Richard Cornell, Clio, MI
Nicholas Sean Currrens, Condon
Stephen Scott Dubinsky, Columbus
Russell Thomas Edwards, Delaware
Michael Kent Francis, Mentor
Frank George Galasso, Zanesville
Donald William Ganzhorn, Jr., Twinsburg
Traci Lynn Grove, Columbus

Scott Francis Gundling, Euclid
Ernesto Jose Gutierrez, Managua, Nicaragua
Jeffrey Glen Hargis, Tallmadge
David Scott Heater, Mt. Vernon
Martin Dale Hibbard, Lima
Daniel David Hoehnen, Cleveland
Scott Emil Hrastar, Richmond Heights
David Clark Hutchison, Wye Mills, MD
Brian Keith Jeckering, Bay Village
Brent Allen Jenkins, Canal Winchester
Joo Whan Jinn, Stow
Sandra Robin Johnson, Mayfield Heights
Heung Cer Kim, Seoul, Korea
Kin Wah Kim, Singapore
Tuck Weng Leong, Kota Bharu, Malaysia
Charles Richard Manring, Jr., Reynoldsburg
Eric Bryan Martin, Dayton
Subur Hartono Martoseno, Semarang, Indonesia
Gregory James Meyer, Cincinnati
Bernard William Monnig, Bellbrook
Michael Alan Monnin, Minster
Matthew Joseph Montgomery, Columbus
Un Pok Morris, Wilmington, DE
Richard Wainwright Niles, Rochester, NY
Christopher Bart Osburn, Cincinnati
Steven Douglas Parr, Dayton
Jay Joseph Pierce, Hamilton
John Michael Pothast, Delphos
James P. Pritchard, Jr., Columbus
Keith Anne Ream, Gallipolis
Sunil Muddasani Reddy, Hyderabad, India
Kenneth Allen Rogers, Caldwell
John Stephen Rupert, Delphos
David Andrew Shal, Columbus
Michael Lawrence Shears, Toledo
John Thomas Slater, Cincinnati
Robert Jonathan Tiffin, Mansfield
Mark Richard Toft, Cincinnati
Minh Van Tran, Mansfield
Kevin Fred White, Columbus
Ka-Keung Jimmy Wong, Hong Kong
Andrew Charles Zeik, St. Clairsville

Bachelor of Science in Engineering Physics

Timothy A. DeVol, Columbus

Bachelor of Science in Industrial and Systems Engineering

Bradford Eugene Armstrong, Shelby
Bryan Harold Behm, Oak Harbor
Vernon Jerome Bockrath, Cloverdale
James Quinton Borsh, Cleveland Heights
Kimberly Anne Boyd, Kettering
Richard Allen Ceddia, Cincinnati
Hai Boon Chan, Columbus
Eve S. Chin, Cincinnati
Dennis William Clouse, New Riegel
Galen Theodore Cragg, Chardon
Thomas Allen Crawford, Worthington

Mark Howard Cunningham, Worthington
Denise Anne Dilley, Fairlawn
Anthony Doyle Downing, Johnstown
Richard Charles Fondriest, Westerville
Jay Christian Frank, Akron
Monty Lamoine Geanangel, Hopedale
Norbert Donald Haas, Worthington
Samuel Newton Hamilton II, Beavercreek
Christopher Allen Hamrick, West Chester
Andrew Francis Hebert, Dayton
Kelley Sue Henry, Hebron
John Daniel Hostettler, North Canton
Hisham Mahmoud Ismail, Worthington
Leonard William Kozerski, Jr., West Chester
Jill Anne Krawczynsyzyn, Euclid
Robert Frederick Kugel, North Canton
Christine Michele Kunkle, Hamburg, NY
Gregory Scott Lampert, Minster
Vicki Ann LaTorre, Columbus
Donald Robert Maier, Massillon
Elizabeth Marie Mansor, Zanesville
John Edward Marushin, Parma
Gregory Lee Miller, Tiffin
Philip Misencik, Westlake
Scott Brian Roeder, Spencerville
Naji Jean Sfeir, Zalka, Lebanon
Steven Ray Stoekey, New Philadelphia
Eddy Tandela, Medan, Indonesia
Thomas Tumbelaka, Indonesia
Scott Walker Vinson, Minerva
Donald Joseph Wagner, Toledo
Myra Lynn Young, Elyria

Bachelor of Science in Mechanical Engineering

Judith Mary Agriesti, Columbus
Jeffrey Scott Amrine, Marion
Susan Lynne Andrews, Kettering
Bruce Coleman Arnold, Lima
Gabriele Arsic, Parma
Paul Thomas Carson, Pittsburgh, PA
Vincent Ciamacco, Columbus
Karl Louis Dammeyer, St. Marys
Joseph John Del Tosto, Jr., Columbus
Steven Michael Dues, St. Marys
Laura Sue Fife, Columbus
David S. Fyffe, Chagrin Falls
Michael Patrick Hogan, Cincinnati
Jeffrey Jonathan Joyce, Springfield
Christopher Brett Keylor, Woodfield
Jose Spencer Lima, Euclid
Michael Arthur Lundeen, Findlay
John David Milenius, Rocky River
Tore Mowatt-Larsen, Valparaiso, IN
Moeljadi Santoso, Malang, Indonesia
Sherry Susan Wampler, Kettering
Kirsten Louise Winsor, Elmira, NY

Bachelor of Science in Metallurgical Engineering

Aimee Rene Allen, Granville

Bachelor of Science in Mining Engineering

James Douglas Henry, Newark
Dayne Anderson Willis, Columbus

Bachelor of Science in Surveying

William Robert Loetz, Columbus
Darrell Bruce Plummer, Medina

Bachelor of Science in Welding Engineering

Ricky Scott Blair, Cincinnati

School of Architecture

Bachelor of Science in Architecture

Donald Jack Brogan, Hilliard
Robert William Kaye, Colorado Springs, CO
Wilhelm Ruperto Montalvo, Quito, Ecuador
Robert David Schisler, Chalfont, PA
Kent William Stevens, Upper Arlington

Bachelor of Science In Landscape Architecture

Michael Leroy Crommes, Troy
Christopher Michael Dimmick, Columbus
Michael Alan Kemper, Osgood
Christie Lynne Nohle, Reynoldsburg
Terry Evans Sprecker, Northampton, MA

College of Home Economics

Dean: Lena Bailey

Bachelor of Science in Home Economics

Anna Marie Bartolovich, East Liverpool
Elizabeth Hayes Bunge, Columbus
Kjarista Ann Busch, Lima
Donna Marie Cox, Worthington
Kara Lyn Crombie, Canal Winchester
Kathy Lynn Damante, Columbus
David John Downing, Reynoldsburg
Mary Eleanor Falvey, Toledo
Rosalie Ann Ingram, Bellaire
Cynthia Elaine King, Medina
Kathryn Marie Lewis, Dayton
Molly Kay Lutz, Lancaster
Julie Ann Manyo, Ashtabula
Kelli Dee McCaslin, Columbus
Susan Nelson Metz, Worthington

Alicia Tracy Morgan, Columbus
Pamela Ann Nichols, Centerburg
Jeanette O'Connor, Worthington
Christine Cecile Peluso, Sylvania
Kimberly Alice Risner, Dayton
Michelle Elizabeth Sabados, Brunswick
Mary Newland Sherman, Kenton
Jeanne Winifred Smith, Berea
Melody Dawn Snyder, Painesville
Laureen Jeanette Warren, Bluffton
Manette Irene Watson, Columbus
Ellen Carol Weiner, Cincinnati

Bachelor of Science in Hospitality Management

Elizabeth Lynn Fleming, Troy
Jean Ann Knoll, Columbus
William Michael Louwers, Dublin

Bachelor of Science in Nutrition

Bradley David Campbell, Marion
Victoria Lynn Capaldo, Bedford
Christopher Paul George, Mansfield

Bachelor of Science in Restaurant Management

Leona Holt Blakemore, Centerburg
George John Tanchevski, Mansfield

College of Medicine

Dean: Manuel Tzagournis

Doctor of Medicine

Larry Ray Hromalik, Columbus
B.S., M.S.

Donna Annette Johnson, Dayton
B.S. (Xavier University)

Wilfredo Jacinto Suntay, Philippines
B.S.M.E., M.S.M.E., Ph.D. (University of Cincinnati)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Christa Mae Artman, Wapakoneta
Emily Hunter Baird, Columbus
Barbara Anne Bolin, North Ridgeville
Carol Annette Bruns, Ottoville
Vicki Lynn Buckle, Canton
Amy Frances Davis, University Heights
Rebecca Sue DeWald, Fort Wayne, IN

Mary Suan Dorr, Cincinnati
 Toni Jean Ellis, Newark
 Jensen Daniel Fritz, Medina
 Anne Marie Gallenstein, Cincinnati
 Lucinda Renee Gibson, Stone Creek
 Connie Lee Gilliland, Waterford
 Amy Marie Grace, Columbiana
 Deborah Ann Hamilton, North Canton
 Lisa Ann Hillmuth, Vermilion
 Connie Sue Imes, New Carlisle
 Lisa Marie Johnson, Avon Lake
 Kathryn Louise Kelly, Xenia
 Dimitri Anatol Koroleff, Oakland, CA
 Lisa Ann Krivos, Strongsville
 Lisa Lynn Leiendecker, Columbus
 Lori Lee Leiendecker, Columbus
 Kathi Lou Longshore, Columbiana
 Elizabeth Lee Lucas, Columbus
 Kathleen Marie Luersman, Delphos
 Joan Helen May, Columbus
 Theresa Miller McLain, Columbus
 William Bruce Meier, Lima
 Lisa Jean Miller, Lancaster
 Elaine Patricia Mitchell, Springfield
 Glenda Marie Morgan, Mt. Gilead
 Johanna C. Nitz, Northwood
 Elizabeth Anne Reeves, Grafton
 Joann Margaret Reynolds, Orrville
 Anna Lucille Roberts, Columbus
 Jodi Marion Romine, Fairfield
 Carolyn Marie Rossmann, Euclid
 Lee Ann Roth, Martins Ferry
 Michelle Jeanne Rouse, Centerville
 Karen Ann Russell, Columbus
 Elspeth Graham Sawyer, Upper Arlington
 Bonnie Lynn Schmidt, South Euclid
 Karen Ann Slattery, Highland Heights
 Cynthia Jane Smith, Moreland Hills
 Donald Robert Smith, Columbus
 Lori Ann Wyant Soble, Cleveland
 Rebecca Lynn Stahler, Minerva
 Laurie Elizabeth Staples, Worthington
 Holly Ann Stoppert, Midland, MI
 Lori Lynn Swisher, Aberdeen
 Terra Lynne Turner, East Cleveland
 Rebecca Elaine Veach, Columbus
 Jacquelyn Ann Wasko, Campbell
 Tina Marie Webb, Mansfield
 Norma Joan Wilker, St. Marys
 David S. Wilkins, New Knoxville
 Susan Lynn Wolf, Canfield

Certificate of Post Baccalaureate Circulation Technologist

Mark Edward Beany, Wintersville
 William Lawrence Black, Jr.,
 Chapel Hill, NC
 James Gerard Ralston, Columbus
 Scott Joseph Stroup, Alliance

College of Nursing

Dean: Carole A. Anderson

Bachelor of Science in Nursing

Jeanne Marie Acantilado, Bloomingdale
 Karen Lee Burke, Columbus
 Cynthia Marie Corll, Canfield
 Karen Louise Dill, Pemberton
 Mary Elizabeth Doslak, Lorain
 Dawn Olson Elliott, Salem
 Theresa Victoria Grajewski, Steubenville
 Greer Ann Gunderson, Trenton
 Linda Susan Heinzerling, Columbus
 Caroline Huddleston, Columbus
 Deidre Lynn Kessler, Reynoldsburg
 Lori Hays Lalli, Mt. Vernon
 Amy Elizabeth Lord, Springfield
 Marie Alane Magisano, North Canton
 Anita Safonovs, Cleveland
 Brigid Kathryn Vavrek, Rocky River
 Elizabeth Jane Wallace, Worthington
 Pamela Sue Wiese, Centerville

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

David Alan Helms, Tiltonsville
 Jacqueline Alfonso Marowitz, Akron
 James Robert Prendergast, Cleveland
 Mark Anthony Urban, McDonald

College of Social Work

Dean: Richard E. Boettcher

Bachelor of Science in Social Work

Jill Susan Lang, Cincinnati

Graduates with Honors

Criteria for graduation with honors are as follows:

With Distinction requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

With Honors in the Liberal Arts requires successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences.)

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Physical Education

Michael Dennis Casey

With Honors in the Liberal Arts

Lynda Louise Callicotte

Cum Laude

Carol Annette Bruns
 Cam Carver
 Robert John Casey
 Kee Hin Chua
 Jeffrey Todd Davis
 Thomas Alan Davis
 Linda Arleen DeShetler
 Marieva Ann Emigh
 Theresa Lynn Emmelhainz
 David Darrin Fumi
 Sally Anne Goleeek
 Lisa Lucille Grenier
 James Allen Hall
 Deborah Ann Hamilton
 Sherry Elizabeth Hayhurst
 Daniel Zerah Hoover
 Scott Emil Hrastar
 Denise Lynn Klein
 Karla L. Klotz
 Joel Patrick Korte
 Douglas Wade Leaman
 Jeff Wayne Liebrecht
 Bonnie Jo Long
 Everett G. Maxfield
 Theresa Miller McLain
 Gregory Lee Miller
 Alicia Tracy Morgan
 Kimberly Kay Murphy
 Kathy M.T. Orr
 Mary Michele Patterson
 Aline Elizabeth Paxton
 Joann Margaret Reynolds
 Michael Paul Richter
 Carolyn Marie Rossmann
 Ann Marie Ruhe
 Jeri Ellen Schad
 Kathleen Marie Sidley
 Ronald Keith Smitson
 Mary Yvonne Souders
 Beth Anne Stirn
 Mun Keung Tam
 Teresa Marie Todd
 Sara Ann Touse
 Mark Anthony Urban
 Richard Gary Vernal, Jr.
 Marsha Leigh Waidelich
 Constance Marie Weber
 Samuel Woodrow Weber

Susan Lynne Wilcox
Mark Alan Wiseman
Andrew Charles Zeik

**Cum Laude with Distinction in
Electrical Engineering**

Kenneth Allen Rogers

**Cum Laude with Distinction in
Mechanical Engineering**

Steven Michael Dues
Moeljadi Santoso

**Cum Laude with Honors in the
Liberal Arts**

Christopher Kang Ching
Timothy Walter Gray
Melanie Davida Hahm
Thomas Allen Shull

**Cum Laude with Honors in the
Liberal Arts and with Distinction in
Linguistics**

Susan Lynn Hura

Summa Cum Laude

Heike Allmann
Constance Anne Braun
Karen Lee Burke
Deborah Lynn Edwards
Jeffrey Glen Hargis
Douglas William Hoffman
David Jerome Kennedy
Eng Keong Lim
Kok You Mak
Margaret Louise Melvin
Mark Jonathan Oppewall
Jane Elizabeth Schaeffer
Diane Lynn Smith
Susan Marie Steiger
Maria Elaine Vitale
Teresa Marie Weed
Donna Louise Wyckoff

**Summa Cum Laude with Distinction
in Animal Science**

Brent Wayne Eichar

**Summa Cum Laude with Distinction
in Marketing**

Jill Alison Grace
Teresa Bernadette Pachuta

**Summa Cum Laude with Distinction
in Occupational Therapy**

Lee Ann Roth

**Summa Cum Laude with Honors in
the Liberal Arts**

Eileen Marie Donahue
Lee Tucker

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND TWENTY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Marion, Ohio, April 2 and 3, 1987

The Board of Trustees met at its regular monthly meeting on Thursday, April 2, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio; and Friday, April 3, 1987, at The Ohio State University Marion Campus, Marion, Ohio, pursuant to adjournment.

* * *
Minutes of the last meeting were approved.
* * *

April 2 and 3, 1987 meeting, Board of Trustees

The Chairman, Mr. Galbreath, called the meeting of the Board of Trustees to order on April 2, 1987, at 4:40 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Daniel M. Galbreath, Chairman, Edmund C. Redman, Leonard J. Immke, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and John W. Kessler.

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Mr. Galbreath reconvened the meeting on April 3, 1987, at 10:50 a.m.

Present: Daniel M. Galbreath, Chairman, Edmund C. Redman, Leonard J. Immke, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and John W. Kessler.

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Mr. Galbreath:

First of all, I would like to thank those of you at the Marion Campus, as well as the community, for hosting us and inviting us up here to see your campus, and particularly this lovely new building. We appreciate that very much and look forward to sharing the rest of the morning and having lunch with you.

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Mr. Galbreath announced the appointment of the following persons to the Nominating Committee:

Leonard J. Immke, Chairman
John W. Berry
Shirley D. Bowser

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NEW DEGREE PROGRAM - MASTER OF FINE ARTS DEGREE IN DANCE

Resolution No. 87-106

Synopsis: Establishment of a Master of Fine Arts degree in Dance is proposed.

WHEREAS the Department of Dance, the College of The Arts, and the Council on Research and Graduate Studies have approved the addition of a tagged Master of Fine Arts degree in Dance; and

WHEREAS the MFA degree is recognized as the major terminal degree in the practical and creative areas of dance study, and would better meet the needs of students competing for professional employment; and

WHEREAS sufficient resources and student interest exist to support the tagged Master of Fine Arts degree in Dance; and

WHEREAS the MFA would keep Ohio State competitive with other dance programs in the country, and would attract highly qualified students; and

April 2 and 3, 1987 meeting, Board of Trustees

NEW DEGREE PROGRAM - MASTER OF FINE ARTS DEGREE IN DANCE (contd)

WHEREAS the current Master of Arts degree with a major in Dance would be retained for interested students; and

WHEREAS the University Senate approved this action at their March 7, 1987 meeting:

NOW THEREFORE

BE IT RESOLVED, That the establishment of the Master of Fine Arts degree in Dance is hereby approved.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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CHANGE IN DEGREE

Resolution No. 87-107

Synopsis: Change in degree from a Bachelor of Arts degree to a Bachelor of Science degree for students specializing in Climatology and Cartography is proposed.

WHEREAS the Department of Geography and the Colleges of the Arts and Sciences have approved the conversion of the Cartography and Climatology tracks in the Department of Geography from the Bachelor of Arts degree to the Bachelor of Science degree; and

WHEREAS during the past two years the Department of Geography has strengthened the quantitative and analytical nature of these two tracks by emphasizing mathematics and physical sciences; and

WHEREAS awarding the Bachelor of Science degree to students specializing in Climatology and Cartography would bring Ohio State in line with other major research institutions; and

WHEREAS the option to pursue a Bachelor of Arts degree with a major in Geography would be available to students through the Department's other four tracks; and

WHEREAS the Bachelor of Science degree with a major in Geography is more marketable and offers greater potential for advancement for students in both academic and non-academic settings; and

WHEREAS the University Senate approved this action at their March 7, 1987 meeting:

NOW THEREFORE

BE IT RESOLVED, That the aforementioned change in degree is hereby approved, effective Spring Quarter 1987.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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April 2 and 3, 1987 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 87-108

Synopsis: Amendments to rules 3335-5-45 and 3335-5-488 are being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on May 20, 1978, and March 7, 1987, as follows:

AMENDED RULES

3335-5-45 Bylaws of the senate.

The university senate shall have the power to organize itself and to make such bylaws for its own proceedings as shall not contravene the sections of the Revised Code applying to the university, the "Bylaws of the Board of Trustees," or the "Rules of the University Faculty." The senate's bylaws may be amended at any time by a majority of senate members present and voting thereon. The bylaws shall also be the subject of review by the rules committee at the beginning of each new autumn session of the senate.

3335-5-488 Committee on honorary degrees.

(A) Membership.

The committee on honorary degrees shall consist of five members of the regular faculty, nominated by the faculty council and elected by the senate. The term of office is five years with one member retiring each year. A retiring member shall not be eligible for immediate reelection.

(B) Duties and responsibilities.

(1) (Unchanged.)

(2) Receive nominations concerning persons who might be considered for an honorary degree.

(3) Review thoroughly the achievements and qualifications of all persons nominated.

(4) Report to the university senate for its consideration and action such persons as have received no fewer than four affirmative votes from the committee membership.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

April 2 and 3, 1987 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 87-109

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the March 6, 1987 meeting of the Board, including the following Appointment of Chairpersons of Departments and Director of Center, Leave of Absence Without Salary--Continuation, Professional Improvement Leave--Change of Dates, and Emeritus Titles as detailed in the University Budget be approved.

Appointment of Chairpersons of Departments and Director of Center

October 1, 1986 through June 30, 1990

Center for Women's Studies

Susan M. Hartmann

April 1, 1987 through June 30, 1987

Veterinary Anatomy

George P. Wilson III*

July 1, 1987 through June 30, 1991

Obstetrics/Gynecology
Surgery

Steven G. Gabbe
Olga Jonasson

*Acting Chairperson

Leave of Absence Without Salary--Continuation

RUTH M. CHARNEY, Associate Professor, Department of Mathematics, effective Spring Quarter 1987, to continue her research at the Institute for Advanced Study in Princeton, NJ.

Professional Improvement Leave--Change of Dates

G. RICHARD DORN, Chairperson and Professor, Department of Veterinary Preventive Medicine, change leave from August 1, 1987, through July 31, 1988, to September 1, 1987 through August 31, 1988.

Emeritus Titles

JOHN R. STAUBUS, Department of Dairy Science, with the title Professor Emeritus, effective July 1, 1987.

JOHN P. KENYON, Department of Food Science and Nutrition, with the title Assistant Professor Emeritus, effective July 1, 1987.

VERNON A. NEUHARDT, Department of Dairy Science, with the title Instructor Emeritus, effective July 1, 1987.

April 2 and 3, 1987 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Upon motion of Mrs. Bowser, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 87-110

Synopsis: Resolutions honoring the service of three of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Henry J. Barre

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 15, 1987, of Henry J. Barre, Professor Emeritus in the Department of Agricultural Engineering.

Dr. Barre was born on April 11, 1905. He earned his BS and MS degrees in Agricultural Engineering at Kansas State University. His Ph.D. degree from Iowa State University in 1938 was the first awarded in agricultural engineering. He served on the faculties of Iowa State University from 1930-43; as departmental head at Purdue from 1943-52; and The Ohio State University from 1963-73. From 1952-63, he worked as an industry consultant in agricultural drying and air-handling systems. He also served as a consultant for the Ford Foundation in India and for the World Bank in Indonesia while at Ohio State. Upon his retirement in 1973, he was named Professor Emeritus.

As the prolific author of many research reports, papers, and bulletins on theory and practice of grain drying, as well as the senior author of a widely-used text on farm structures, Dr. Barre was awarded the highest honor of the American Society of Agricultural Engineers, its Cyrus Hall-McCormick Gold Medal in 1969. He received the MacQuigg Award for outstanding teaching in 1971, and was a member of Phi Kappa Phi, Sigma XI, Sigma Tau, and Tau Beta Pi.

On behalf of the University, the Board of Trustees expresses its sympathy and understanding to the family of Professor Barre. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Wayne Woodrow Hayes

The Board of Trustees of The Ohio State University expresses its deep sorrow upon the death on March 12, 1987, of W. W. "Woody" Hayes, former head football coach and beloved member of the University family.

Coach Hayes was born on February 14, 1913, in Clifton, Ohio. He attended Denison University where he majored in English and History, played tackle

April 2 and 3, 1987 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Wayne Woodrow Hayes (contd)

on the football team and was an outfielder on the baseball team. He was graduated in 1935. Hayes received a Master of Arts degree in Education Administration at Ohio State in 1948.

Woody Hayes accepted his first coaching job as an Assistant Coach at Mingo Junction High School in Ohio, in 1935. He took a Head Coach position in 1938 at New Philadelphia High School in New Philadelphia, Ohio. Hayes spent five years in the Navy during World War II, finishing his military career as a highly decorated Lieutenant Commander before accepting the position of Head Coach of the Denison University football team in 1946. He coached at Denison for three years and then coached at Miami University in Oxford, Ohio, for two years. In 1951 Coach Hayes began his career at The Ohio State University, having been selected ahead of Coach Paul Brown of the Cleveland Browns football team. He ended his coaching career at Ohio State University in 1978.

As the coach of the Buckeyes, Woody Hayes developed an impressive record of success by every measurement. His teams won 205 games between 1951 and 1978 with a Big Ten record of 152-37-7. His teams were winners of 5 post-season bowls, 13 Big Ten championships and national championships in 1954, 1957 and 1968. Hayes was elected College Coach of the Year in 1957 and 1975, and served as President of the National Football Coaches Association. Known for his strong recruiting and coaching, Hayes coached three Heisman Trophy winners and 56 first team All-American players. In addition, he trained many Assistant Coaches who later became successful Head Coaches including Bo Schembechler, Earle Bruce, Lou Holz, David McClain, Bill Mallory, and George Chaump.

Woody Hayes was honored in many ways in his life. He was named Head Football Coach and Professor Emeritus in the School of Health, Physical Education and Recreation in 1979 by The Ohio State University Board of Trustees. Also in 1979, the University's Development Fund established a scholarship in the names of Woody and Anne Hayes which helps student athletes attend Ohio State's professional and graduate schools. Part of West Woodruff Avenue on campus was named for Hayes by the University in 1982 as Woody Hayes Drive. In 1986 Hayes received an honorary Doctor of Humanities degree from Ohio State on the occasion of his being the Commencement speaker on March 21, 1986. Woody Hayes was the subject of many stories, television shows and documentaries as the quintessential college football coach.

Perhaps the greatest achievement of his distinguished career is the way in which he has personally touched so many lives. Although he was in the public eye for many years, he had tremendous success on a more private, individual level. The compassion he felt for all of his football players was often expressed in his interest in their education and their development as members of society. He was always available to discuss problems and he was free with his advice. This personal attention was well-utilized by his players and has resulted in many life-long friendships and associations. Woody Hayes was also available to the University community whenever it needed his help. He was a guest lecturer, advisor, spokesman, and fund raiser, among other things. He was willing to give of himself for the greater good and was able to respond to a great variety of requests for support. He visited hospitals and nursing homes, served on boards and talked with everyone who had the interest, especially students. He was truly generous with his time.

April 2 and 3, 1987 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Wayne Woodrow Hayes (contd)

Woody Hayes will be long-remembered by his players, his colleagues, his friends, his family, and the University itself. He has left a tremendous legacy of commitment, success and love.

On behalf of the University, the Board of Trustees wishes to express its deep sympathy to Woody's wife, Anne, his son and daughter-in-law Steve and Kathy, his grandchildren Phil and Laura and his sister Mary North. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Bernard William Poland

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 8, 1987, of Bernard William Poland, Professor Emeritus in the School of Music.

Dr. Poland was born August 29, 1919. A native of Philadelphia, his early musical career led him to Ann Arbor, where he received from the University of Michigan the degrees Bachelor of Music in 1948 and Master of Music in 1949.

His thirty-five year tenure on the faculty of the School of Music began in 1949. By 1970, he rose to the rank of Professor of music theory. From 1975 to 1984, he also served as Associate Dean of the Graduate School. Upon his retirement in 1984, he was awarded the rank of Professor Emeritus.

During his early years at Ohio State, Dr. Poland co-founded the Columbus Symphony Orchestra and served as principal oboist and program annotator. Later, he earned the first doctorate granted by Ohio State's School of Music. He did extensive research in predicting success in music study, which resulted in the Music Achievement Test that is now required of undergraduate music applicants. He helped found the Center for Experimental Research in the Arts, which he directed from 1965 to 1969. His research in musical behavior and in program review strategies led to an extensive list of publications and presentations.

Active in numerous professional organizations, Dr. Poland received many music honors, including the Archibald T. Davidson Award in Musicology and membership in Pi Kappa Lambda Music Honorary Society. In 1971, he was granted The Ohio State University Alumni Award for Distinguished Teaching and, in 1987, The Ohio State University Distinguished Service Award.

On behalf of the University community, the Board of Trustees expresses to the family of Bernard William Poland its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

April 2 and 3, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 87-111

Synopsis: The reports on contracts, grants, and gifts and the summary for February 1987 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of February 1987 be approved.

Upon motion of Mrs. Bowser, seconded by Mr. Teaforde, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR FEBRUARY 1987

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	81	\$5,164,593.75
Engineering Experiment Station	38	\$ 177,389.00
Total	119	\$5,341,982.75

The Ohio State University Development Fund

Establishment of Named Funds

The William A. Meiter Scholarship Fund (Scholarships for students from the West Branch School District, Damascus area)	\$ 200,000.00
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The J. M. Shepherd Scholarship Fund (Scholarships - Colleges of Mathematical and Physical Sciences and Engineering)	\$ 50,000.00
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The George Stambaugh Memorial Fund (Income shall benefit the Libraries)	\$ 30,000.00
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The Henry and Blanche Abell Endowment Fund (Funds shall be at the discretion of the Chairperson of the Department of Food Science and Nutrition and the Coach and/or Director of the wrestling program in the Department of Athletics)	\$ 15,000.00
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April 2 and 3, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR FEBRUARY 1987 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Roy C. and Lillian M. Holdridge Scholarship Fund (Students enrolled in business at the Marion Campus)	\$ 15,000.00
The Sugarbush Kennel Club Fund in Veterinary Medicine (Scholarships for students who are residents of Geauga County)	\$ 10,000.00
The Lloyd W. Chapman Pharmacy Memorial Scholarship (Scholarships)	\$ 5,000.00

April 2 and 3, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - February 1987

Federal Research Contracts/Grants

\$600,257.00 - Department of the Army, Army Tank - Automotive Command, Warren, Michigan, A Mobility System Design Study for an Agile Automatic Land Vehicle, Department of Electrical Engineering (C.A. Klein) and Department of Mechanical Engineering (K.J. Waldron), 1 November 1986 through 31 December 1986. (Project 764306 - Continuation)

\$300,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Ultrahigh Performance Mass Spectrometer, Chemical Instrumentation Center (A.G. Marshall), Department of Chemistry (D.H. Busch, H.G. Floss, L.A. Paquette, and D. Horton) and College of Pharmacy (R.H. Reuning and L.W. Robertson), 20 February 1987 through 19 February 1988. (Project 765912 - New)

\$200,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Bruker AM-300 Nuclear Magnetic Resonance Instrument, Department of Chemistry (D.J. Hart, D.H. Busch, H. Floss, L.A. Paquette, M.S. Platz, J.S. Swenton, and M.D. Tsai), 20 February 1987 through 19 February 1988. (Project 765917 - New)

\$159,147.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Hypocholesterolemic Agents: Stereochemical Studies, College of Pharmacy (D.T. Witiak and D.R. Feller) and Department of Pathology (H.A. Newman), 1 December 1986 through 30 November 1987. (Project 764517 - Continuation)

\$153,889.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Polyquinane and Related Natural Products, Department of Chemistry (L.A. Paquette), 1 July 1987 through 30 June 1988. (Project 762298 - Continuation)

\$150,962.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Molecular Control in Cytochrome C Oxidase, Department of Physiological Chemistry (J.O. Alben), 1 January 1987 through 31 December 1987. (Project 762976 - Continuation)

\$148,368.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bethesda, Maryland, Advanced Educational Program in General Dentistry, Community Dentistry (L.P. Diorio), 1 July 1987 through 30 June 1988. (Project 765454 - Continuation)

\$131,600.00 - National Science Foundation, Washington, D.C., Syntheses and Studies of Selected Metal Carbonyl and Boron-Metal Carbonyl, Department of Chemistry (S.G. Shore), 1 March 1987 through 28 February 1988. (Project 764293 - Continuation)

\$106,817.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D.C., Mechanisms of Chemical Modulation Toxicity

April 2 and 3, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

of the Immune System, Department of Veterinary Pathobiology (M.J. Tarr and R.G. Olsen), 15 April 1986 through 14 April 1988. (Project 765335 - New)

\$100,000.00 - Department of the Air Force, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Improved Gravity Field Estimation Procedures and the Development of Improved Reference Frames, Department of Geodetic Science and Surveying (R.H. Rapp), 1 April 1987 through 30 September 1987. (Project 765306 - Continuation)

\$100,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, UTD Scattering from Structures Including Higher Order Terms, Department of Electrical Engineering, ElectroScience Laboratory (R.J. Marhefka), 1 October 1986 through 30 September 1987. (Project 765374 - Continuation)

\$100,000.00 - National Science Foundation, Washington, D.C., Purchase of High Field NMR Spectrometer, Department of Chemistry (H.G. Floss), 15 February 1987 through 31 January 1988. (Project 765891 - New)

\$99,000.00 - Department of Agriculture, Cooperative State Research Service, Washington, D.C., Factors Affecting Silk Secretion and Their Effect on Gypsy Moth Larval Dispersal, Department of Entomology - OARDC (R.A.J. Taylor), 15 February 1987 through 28 February 1989. (Project 765904 - New)

\$97,723.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biochemistry of Craniofacial Epithelial Differentiation, Diagnostic Services (C.F. Shuler), 1 February 1987 through 31 January 1988. (Project 765236 - Continuation)

\$95,946.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, Rockville, Maryland, Ethanol Disturbance of Gastrointestinal Nervous System, Department of Physiology (J.D. Wood), 1 February 1987 through 31 January 1988. (Project 765885 - New)

\$94,000.00 - National Science Foundation, Washington, D.C., Acquisition of a Single Crystal X-Ray Diffractometer, Department of Geology and Mineralogy (J.W. Downs), 1 February 1987 through 31 January 1988. (Project 765909 - New)

\$82,800.00 - National Science Foundation, Washington, D.C., Structure, Dynamic Behavior and Synthesis of Selected Solvated Carbanionic Substances, Department of Chemistry (G.A. Fraenkel), 1 December 1986 through 30 November 1987. (Project 765472 - Continuation)

\$80,000.00 - National Science Foundation, Washington, D.C., The Effect of Spatial and Temporal Heterogeneity on the Regulation of Insect Populations by Natural Enemies, Department of Zoology (P.L. Chesson), 1 March 1987 through 28 February 1989. (Project 765911 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$75,000.00 - National Science Foundation, Washington, D.C., Low Temperature Electronic Properties of Conducting Solids, Department of Physics (J.C. Garland), 1 January 1987 through 31 December 1987. (Project 765553 - Continuation)

\$74,270.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Analysis of Local Circuitry in the Inferior Olive, Department of Anatomy (G.A. Bishop), 1 March 1987 through 29 February 1988. (Project 763013 - Continuation)

\$69,300.00 - National Science Foundation, Washington, D.C., Superconductivity, Optical Properties and Transport in Binary Composite Media, Department of Physics (D.G. Stroud), 1 December 1986 through 30 November 1987. (Project 764511 - Continuation)

\$56,886.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Cellular PD and Ion Activities in Renal Proximal Tubules, Department of Physiology (B.A. Biagi), 1 January 1987 through 31 December 1987. (Project 763050 - Continuation)

\$55,005.00 - National Science Foundation, Washington, D.C., Accomplishment Based Research on Study of Gas-Liquid-Solid Fluidization, Department of Chemical Engineering (L.S. Fan), 1 May 1987 through 30 April 1988. (Project 765308 - Continuation)

\$50,161.00 - National Science Foundation, Washington, D.C., Indirect Effects of Predators in Fish Communities, Department of Zoology (J.L. Crites and G.G. Mittelbach), 1 February 1987 through 31 January 1988. (Project 765144 - Continuation)

\$49,382.00 - National Science Foundation, Washington, D.C., Target Interception by Sonar in the Big Brown Bat, Eptesicus fuscus, Department of Zoology (W.M. Masters), 1 May 1987 through 30 April 1988. (Project 765902 - New)

\$46,857.00 - Department of Agriculture, Washington, D.C., Institutional Support from the Animal Health and Disease Research Act of 1977, College of Veterinary Medicine - Administration (R.A. Wright), 1 October 1986 through 30 September 1987. (Project 762621 - Continuation)

\$37,541.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Health Careers Opportunity Program (HCOP), College of Medicine - Administration (M. Tzagournis, J.H. Williams, and G.L. Trzebiatowski), 1 September 1987 through 31 August 1988. (Project 765421 - Continuation)

\$34,280.00 - National Science Foundation, Washington, D.C., Pliocene Glaciation in Southern Argentina, Byrd Polar Research Center (J.H. Mercer), 15 February 1987 through 31 January 1988. (Project 765881 - New)

\$32,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Study of Electromagnetic

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Scattering by Certain Types of Apertures and Cavities, Department of Electrical Engineering, ElectroScience Laboratory (P. Pathak), 1 July 1986 through 31 March 1987. (Project 764343 - Continuation)

\$29,500.00 - National Science Foundation, Washington, D.C., Multiple Hydrogen Bonding, Department of Chemistry (J. Hine and D. Meek), 1 January 1987 through 30 June 1987. (Project 764910 - Continuation)

\$26,004.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Toxicology of Hydantoins in Relation to Oral Biology, Department of Pharmacology (D. Couri and D.A. Von Deutsch), 1 January 1987 through 31 December 1987. (Project 764537 - Continuation)

\$22,100.00 - National Science Foundation, Washington, D.C., Application of Measure Theory to Banach Spaces and Probabilities, Department of Mathematics (M. Talagrand), 1 June 1987 through 31 May 1988. (Project 765478 - Continuation)

\$20,004.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Diabetic Microvascular Disease: Exercise Intervention, Department of Veterinary Physiology and Pharmacology (R.L. Hamlin), 1 March 1987 through 29 February 1988. (Project 765899 - New)

\$20,000.00 - National Science Foundation, Washington, D.C., Index Theoretical Applications of Harmonic Analysis on Lie Groups, Department of Mathematics (H. Moscovici), 1 July 1987 through 30 June 1988. (Project 764810 - Continuation)

\$17,750.00 - National Science Foundation, Washington, D.C., Singular Integral Operator Algebras on Singular Spaces, Department of Mathematics (A. Dynin), 1 July 1987 through 30 June 1988. (Project 765523 - Continuation)

\$12,145.00 - Department of the Army, Military Entrance Processing Command Station, Fort Sheridan, Illinois, The ASVAB and Related Training of Test Specialists, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 5 January 1987 through 30 November 1987. (Project 765626 - Continuation)

\$8,822.00 - National Science Foundation, Washington, D.C., U.S.-Austria Cooperative Research: Viscous-Inviscid Interaction near the Trailing-Tip of an Axisymmetric Body, Department of Aeronautical and Astronautical Engineering (R.J. Bodonyi), 1 September 1986 through 31 August 1988. (Project 765910 - New)

\$6,245.00 - Environmental Protection Agency, Chicago, Illinois, Acid Deposition Monitoring Program for Western Lake Erie, Center for Lake Erie Area Research (C.E. Herdendorf), 1 July 1986 through 30 June 1987. (Project 763579 - Continuation)

\$1,201.00 - Department of Education, Office of Special Education, Washington, D.C., Investigation of a Study Technique to Increase Learning

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Disabled Students' Reading Comprehension of Expository Text, Department of Human Services Education (J.O. Cooper and S. McCormick), 1 October 1986 through 30 September 1987. (Project 765043 - Continuation)

TOTAL - FEDERAL AWARDS \$3,544,962.00

State of Ohio Research Contracts/Grants

\$71,050.00 - State of Ohio, Department of Development, Columbus, Ohio, Extraction, Separation and Analysis of High Sulphur Ohio Coal, Department of Chemistry (S.V. Olesik), 1 January 1987 through 31 March 1989. (Project 765906 - New)

\$50,000.00 - State of Ohio, Department of Development, Columbus, Ohio, Improving Freezer/Preserve Strawberry Quality and Yield, Department of Horticulture - OARDC (G.A. Cahoon, C.K. Chandler, and J.F. Gallander) and Department of Horticulture (W.T. Rhodus), 1 January 1987 through 31 December 1987. (Project 765892 - New)

TOTAL - STATE OF OHIO AWARDS \$ 121,050.00

Industrial Research Contracts/Grants

\$185,272.00 - International Business Machines, Milford, Connecticut, Serial EOM Interface, College of Pharmacy (C.L. Olson), 1 January 1987 through 31 December 1988. (Project 764715 - Continuation)

\$149,744.00 - Rockwell International, Los Angeles, California, Scattering Analysis Research, Department of Electrical Engineering, ElectroScience Laboratory (W.D. Burnside and L. Peters, Jr.), 1 January 1987 through 30 September 1987. (Project 765903 - Continuation)

\$144,052.00 - Rosemount, Inc., Burnsville, Minnesota, Scattering Measurement and Analysis of Aircraft Accessory Objects, Department of Electrical Engineering, ElectroScience Laboratory (J.D. Young), 29 January 1987 through 1 October 1987. (Project 765886 - Continuation)

\$95,000.00 - Ross Laboratories, Columbus, Ohio, Maximizing Yield of Specific Antibody in Mammary Secretion of Lactating Dairy Cows, Department of Dairy Science - OARDC (K.L. Smith), 1 January 1987 through 31 December 1987. (Project 765238 - Continuation)

\$70,581.00 - Rosemount, Inc., Burnsville, Minnesota, Moment Method of Scattering Analysis of Absorbed Coated Bodies, Department of Electrical Engineering, ElectroScience Laboratory (E.H. Newman), 29 January 1987 through 30 January 1988. (Project 765887 - Continuation)

\$70,000.00 - TRW, San Diego, California, Multifunction Antenna Study, Department of Electrical Engineering, ElectroScience Laboratory (B.A. Munk), 15 January 1987 through 30 September 1987. (Project 765410 - Continuation)

\$52,000.00 - Brunswick Corporation, Marion, Virginia, Hybrid Radome Research Studies, Department of Electrical Engineering, ElectroScience

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

Laboratory (B.A. Munk), 5 February 1987 through 30 September 1987.
(Project 765697 - Continuation)

\$50,000.00 - The J.M. Smucker Company, Orrville, Ohio, Improving Freezer/Preserve Strawberry Quality and Yield, Department of Horticulture - OARDC (G.A. Cahoon, C.K. Chandler, and J.F. Gallander) and Department of Horticulture (W.T. Rhodus), 1 January 1987 through 31 December 1987. (Project 765893 - New)

\$45,000.00 - Universal Energy Systems, Inc., Dayton, Ohio, Demonstration of Parallel Computation for a 3D-Rigid Viscoplastic Finite Element Method, Department of Computer and Information Science (K. Schwan, P. Sadayappan and B. Weide) and Department of Electrical Engineering (F.E. Ozguner), 1 October 1986 through 30 September 1987. (Project 765894 - New)

\$36,105.00 - Owens Illinois, Inc., Columbus, Ohio, Job/Task Analysis and Video Job Training Development - Nine Jobs, College of Education - Administration (J.J. Buffer), 1 January 1987 through 31 December 1987. (Project 765905 - Continuation)

\$24,286.75 - Hoechst-Roussel Pharmaceuticals, Inc., Somerville, New Jersey, An Open-Label Study of Oral RU 965 in the Treatment of Patients with Upper Respiratory Tract Infections Caused by Streptococcus pyogenes, College of Pharmacy (J.A. Visconti), 1 January 1987 through 31 December 1987. (Project 765916 - New)

\$14,921.00 - The Procter & Gamble Company, Cincinnati, Ohio, Continued Investigation of the Mode of Action of Selected Organic Substances on Bacterial Cells, Department of Microbiology (P.R. Dugan and R.M. Pfister), 1 February 1987 through 30 June 1987. (Project 765896 - Continuation)

\$9,996.00 - AT&T Bell Laboratories, Columbus, Ohio, A Needs Analysis of the Writing of Nonnative Speakers of English in the Work Setting, English/Second Language (R.N. Kantor), 1 February 1987 through 31 March 1987. (Project 765884 - New)

\$9,202.00 - Tektronix, Inc., Vancouver, Washington, Assisting Tektronix, Inc., in Marketing to Postsecondary Institutions, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 1 April 1987 through 30 April 1987. (Project 765831 - Continuation)

\$2,937.00 - Singer-Link, Inc., Binghamton, New York, Evaluation of the Esprit System Phase II, Department of Psychology (D.H. Owen), 20 January 1987 through 27 February 1987. (Project 765391 - Continuation)

\$1,073.00 - Boeing Company, Seattle, Washington, Range Performance Analysis, Department of Electrical Engineering, ElectroScience Laboratory (J.D. Young), 15 January 1987 through 31 January 1987. (Project 765862 - Continuation)

Total - INDUSTRIAL AWARDS

\$ 960,169.75

April 2 and 3, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants

\$65,256.00 - Columbus Human Services Department, Columbus, Ohio, The Columbus Neighborhood Technical Assistance Program, City and Regional Planning (S.I. Gordon), 1 January 1987 through 31 December 1987. (Project 765836 - Continuation)

\$64,000.00 - American Cancer Society, Inc., New York, New York, Synthetic Catalysts That Act on Mononucleotides, Department of Chemistry (A.W. Czarnik), 1 January 1987 through 31 December 1987. (Project 764147 - Continuation)

\$58,833.00 - Battelle Memorial Institute, Columbus, Ohio, Natural Analog Study Technical Support, Department of Geology and Mineralogy (K.A. Foland), 1 October 1986 through 30 September 1987. (Project 764352 - Continuation)

\$58,410.00 - AO-Stiftung/ASIF-Foundation, Bern, Switzerland, Testing of Compatibility and Surface Conditions of New Titanium Alloys in Dogs, Department of Veterinary Clinical Sciences (M.L. Olmstead), 1 March 1987 through 30 September 1989. (Project 765900 - New)

\$45,600.00 - Battelle Memorial Institute, Columbus, Ohio, Interdisciplinary Research on Wear of Materials, Department of Metallurgical Engineering (D.A. Rigney), 1 September 1986 through 31 July 1987. (Project 764981 - Continuation)

\$35,000.00 - American Lung Association, New York, New York, Oxidant Injury in the Adult Respiratory Distress Syndrome (ARDS), Department of Internal Medicine (W.B. Davis), 1 July 1987 through 30 June 1988. (Project 765375 - Continuation)

\$25,520.00 - University of Connecticut, Farmington, Connecticut, Neuroanatomy of the Gustatory System, Oral Biology (M.C. Whitehead), 1 December 1986 through 30 November 1987. (Project 765897 - New)

\$25,000.00 - American Lung Association, New York, New York, Edward Livingston Trudeau Scholar Award, Department of Internal Medicine (P.M. Dorinsky), 1 July 1987 through 30 June 1988. (Project 764722 - Continuation)

\$23,858.00 - Florida International University, Miami, Florida, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 1 July 1986 through 30 June 1987. (Project 765918 - Continuation)

\$20,306.00 - Winrock International, Morrilton, Arkansas, Forest Faculty Training Project, School of Natural Resources (C.B. Davis), 1 August 1986 through 31 July 1987. (Project 765890 - New)

\$19,000.00 - The Johns Hopkins University, Baltimore, Maryland, Induction of Acute Phase Proteins as a Sensitive Marker of Inflammation, Department of Microbiology (R.F. Mortensen), 1 February 1987 through 31 January 1988. (Project 765895 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$15,000.00 - United States Golf Association, Far Hills, New Jersey, Effect of High Temperature Stress on the Survival Rate of Annual Bluegrass Biotypes, Department of Agronomy - OARDC and Department of Agronomy (T.K. Danneberger), 1 February 1987 through 31 January 1988. (Project 765232 - Continuation)

\$14,498.00 - North Carolina Department of Public Education, Raleigh, North Carolina, Consortium for the Development of Professional Materials for Vocational Education (R.D. Ryan, Jr.), 1 July 1986 through 30 June 1987. (Project 765907 - New)

\$12,000.00 - Brandeis University, Waltham, Massachusetts, An Evaluation of the Robert Wood Johnson Hospital Initiatives in Long-Term Care Programs, College of Social Work (C. Austin), 1 August 1986 through 31 July 1988. (Project 765883 - New)

\$11,350.00 - Iowa Department of Public Instruction, Des Moines, Iowa, A Third-Party Evaluation of the Iowa Curriculum Assistance System, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 1 February 1987 through 6 March 1987. (Project 765889 - New)

\$10,000.00 - United States Golf Association, Far Hills, New Jersey, Monoclonal Antibodies for Rapid Diagnosis of Summer Patch and Necrotic Ring Spot Diseases of Turfgrass, Department of Plant Pathology - OARDC and Department of Pathology (W.W. Shane) and Department of Pathology and Cooperative Extension State Operations (S.T. Nameth), 1 February 1987 through 31 January 1988. (Project 765882 - New)

\$7,000.00 - Delaware Department of Public Instruction, Dover, Delaware; Guam Community College, Guam; Iowa Department of Education, Des Moines, Iowa; and New York State Department of Education, Albany, New York, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 1 July 1986 through 30 June 1987. (Project 765533 - Continuation)

\$6,750.00 - Ira Kay Memorial Research Grant - Annual Simulation Symposium, Arlington, Virginia, Design of Priority Schemes in CSMA/CD Local Area Networks, Academic Faculty of Management Sciences (Y.L. Chang) and Academic Faculty of Accounting and Management Information Systems (S. Shen), 1 July 1986 through 30 June 1987. (Project 765901 - New)

\$5,425.00 - Comité Conjunto Hispano-Norteamericano para la Cooperación Cultural y Educativa, Madrid, Spain, The Development of Partisanship and Spanish Democracy, Department of Political Science (B.M. Richardson and R.P. Gunther), 1 September 1986 through 31 August 1987. (Project 765417 - Continuation)

\$4,845.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Early Childhood Referral Network, Nisonger Center (V.L. Reynolds), 1 November 1987 through 31 December 1988. (Project 765811 - Continuation)

\$4,611.00 - American Animal Hospital Association, Denver, Colorado, Vitamin K₁ Bioavailability during Brodifacoum Toxicosis in the Dog,

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Department of Veterinary Physiology and Pharmacology (D.K. Gerken) and Department of Veterinary Clinical Sciences (R.A. Sams), 1 January 1987 through 31 December 1987. (Project 765888 - New)

\$2,500.00 - Mississippi State Department of Education, Jackson, Mississippi, National Career Guidance Consortium, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 1 July 1986 through 30 June 1987. (Project 765651 - Continuation)

\$2,400.00 - Oregon Department of Education, Salem, Oregon, Extended Classroom Data Collection Activity for Oregon, The National Center for Research in Vocational Education (R.D. Ryan, Jr.), 10 November 1986 through 30 June 1987. (Project 765915 - New)

\$1,250.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Referral Service, Nisonger Center (M.J. Guralnick), 1 February 1986 through 31 January 1987. (Project 764647 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 538,412.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$82,890.00 - from 24 sponsors of 33 projects under the direction of three research areas of the College of Engineering.

\$29,000.00 - from various industry for membership in "The Engineering Research Center on Net-Shape Manufacturing," Engineering Experiment Station. (529200)

\$26,255.00 - Additional funding from Applied Information Technology Research Center, Columbus, OH, "An Environment for Supporting Translations among Different Representations of Similar Data Objects," Department of Computer and Information Science, 1 June 1986 through 30 June 1987. (529712, Ext. 1)

\$19,901.00 - SKF Engineering and Research Center, The Netherlands, "Fundamental Studies in Elastohydrodynamic Lubrication as Applied to Rolling Element Bearings," Department of Mechanical Engineering, 1 January 1987 through 31 December 1987. (529718)

\$11,843.00 - Lanxide Corporation, Newark, DE, "Chemical Modification of Refractory Components, Department of Metallurgical Engineering, 19 January 1987 through 31 March 1987. (312899)

\$7,500.00 - Welding Research Council, New York, NY, "Effect of Alloy Constitution and Cooling Rate on the Phase Transformation Characteristics and Properties of Weldments in Duplex Stainless Steels," Department of Welding Engineering, 1 January 1987 through 30 September 1987. (529723)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 177,389.00

April 2 and 3, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The William A. Meiter Scholarship Fund

The William A. Meiter Scholarship Fund was established April 3, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from William A. Meiter, B.S.M.E. '27, Delray Beach, Florida, in memory of his immigrant parents who by hard work on a dairy farm near Damascus, Ohio, were able to provide a college education for their three sons.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarship award(s) to students entering or attending The Ohio State University, including its regional campuses and technical institute, from the West Branch School District, Damascus area. Selection of the award recipient(s) shall be made by the University Committee on Student Financial Aid at The Ohio State University in conjunction with the Scholarship Selection Committee of the Damascus Area Historical Society. All awards shall be based on financial need.

Should the need for this fund in the West Branch School District cease to exist or so diminish as to provide unused income, then the income may be used to provide scholarship support for students from the Salem School District, Salem, Ohio. A joint decision by the Damascus Area Historical Society and the University Committee on Student Financial Aid or its representative is required. Should the need for this fund cease to exist entirely, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for Student Financial Aid.

The J. M. Shepherd Scholarship Fund

The J. M. Shepherd Scholarship Fund was established April 3, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from J. M. Shepherd, B.Cer.E. '58, M.B.A. '59, of Cincinnati, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be awarded to students who have successfully combined athletics or other extracurricular activities with challenging academic study as evidenced by their major in chemistry in the College of Mathematical and Physical Sciences or in any field of engineering. Recipients of the scholarship shall be limited to Ohio residents with a record of academic achievement. Preference shall be given to students involved in intercollegiate athletics, including club level sports.

April 2 and 3, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The J. M. Shepherd Scholarship Fund (contd)

Should there be no such suitable candidates, the scholarships shall be awarded to students in the above-named academic areas who are actively involved in other extracurricular activities.

Recipients shall be selected by the Dean of the College of Engineering or his designee in consultation with the appropriate officials in the Departments of Chemistry and Athletics, and the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the Colleges of Engineering and Mathematical and Physical Sciences.

The George Stambaugh Memorial Fund

The George Stambaugh Memorial Fund was established April 3, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Anna May Stambaugh, in memory of her father, George Stambaugh.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to benefit The Ohio State University Libraries, including support for personnel and/or the acquisition of such items as books, journals, supplies or equipment as determined by the Director of The Ohio State University Libraries. Any unused income shall be reinvested in the fund's principal.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for The Ohio State University Libraries.

The Henry and Blanche Abell Endowment Fund

The Henry and Blanche Abell Endowment Fund was established April 3, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mr. Carl T. Abell, B.S.Dairy Tech. '49, Medina, Ohio, as recognition for and in honor of his parents, Henry and Blanche Abell.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Henry and Blanche Abell Endowment Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be divided equally between the Department of Food Science and Nutrition in the College of Agriculture and the wrestling program in the Athletic Department. The use of said funds shall be at the discretion of the Chairperson of the Department of Food Science and Nutrition and the Coach and/or Director of the wrestling program.

Should the need for these funds cease to exist or so diminish in either of these programs or departments, then 100% of the annual income shall be distributed to the other department or program. Should the need for these funds cease to exist in both programs or departments, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative officials of the University who are then directly responsible for the College of Agriculture and the Department of Athletics.

The Roy C. and Lillian M. Holdridge Scholarship Fund

The Roy C. and Lillian M. Holdridge Scholarship Fund was established April 3, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Roy C. Holdridge, and others, of Marion, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Twenty percent (20%) of the annual income shall be added to the fund's principal. The remaining eighty percent (80%) of the annual income shall be used to provide scholarship support for one or more qualified second year students enrolled at The Ohio State University Marion Campus who have indicated a major in Business. Selection of the scholarship recipients will be made by the University Committee on Student Financial Aid upon the recommendation of the Dean and Director of The Ohio State University at Marion. Unused income in any given year will be reinvested in the fund's principal.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income shall be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for scholarship awards to students of the Marion, Ohio, area.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Sugarbush Kennel Club Fund in Veterinary Medicine

The Sugarbush Kennel Club Fund in Veterinary Medicine was established April 3, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Sugarbush Kennel Club, Inc.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide a scholarship for one or more students in the College of Veterinary Medicine who are residents of Geauga County. Preference will be given to the student(s) that exhibit financial need. Selection of the award recipients shall be made by the University Committee on Student Financial Aid and approved by the Dean of the College of Veterinary Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for veterinary medicine education.

The Lloyd W. Chapman Pharmacy Memorial Scholarship

The Lloyd W. Chapman Pharmacy Memorial Scholarship was established April 3, 1987, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Lloyd W. Chapman, New Concord, Ohio, and friends.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to assist students in the College of Pharmacy who have demonstrated high academic achievement and a need for financial support. The selection of the award recipients shall be made by the appropriate College of Pharmacy faculty committee in consultation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish to provide unused income then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for pharmacy education.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
RIGHTMIRE HALL - BIOCHEMISTRY REMODELING**

Resolution No. 87-112

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS The Ohio State University is in the process of establishing a Biotechnology Center; and

WHEREAS approximately 5,800 square feet of space on the ground floor of Rightmire Hall will be renovated to establish research space and equipment for the biological chemistry area of the Department of Chemistry; and

WHEREAS \$675,000.00 will be made available for this project from Substitute House Bill 870 (the capital appropriations bill) enacted by the 116th General Assembly, of which approximately \$525,150.00 is estimated for construction:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration, be authorized to select a qualified architectural/engineering firm for this project in conjunction with the Department of Administrative Services, and that the fees for this architectural/engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration, be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
ATHLETIC MAINTENANCE BUILDING
NORTH ATHLETIC FACILITY**

Resolution No. 87-113

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS this project is a part of a master plan which addresses the total facility needs of the Department of Athletics; and

WHEREAS with the development of major new athletic facilities, additional space is needed for facilities maintenance and motor pool operations; and

April 2 and 3, 1987 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
ATHLETIC MAINTENANCE BUILDING
NORTH ATHLETIC FACILITY (contd)**

WHEREAS this project provides for the construction of a maintenance facility to house athletic equipment for various sports, field equipment and materials used in the maintenance of the athletic facilities and grounds, and an overhaul and service area for motor vehicles for the Department of Athletics, including a service yard with lighting and fencing; and

WHEREAS the site development for this project includes an access drive from Fyffe Road along the south edge of a planned future paved parking area which will serve current and future athletic facilities in the area; and

WHEREAS \$250,000.00 will be made available from University funds for this project, of which \$200,000.00 is estimated for construction:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in accordance with established University procedures, to select a qualified architectural/engineering firm for this project, to request construction bids on this project, and if satisfactory bids are received, to award the necessary contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mrs. Bowser, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 87-114

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

LAZENBY HALL RENOVATION

Description: This project involves the complete renovation of the building, including heating, ventilation and air conditioning systems, water supply, electrical service, lighting, plumbing, interior walls, ceilings, floor finish, doors, windows, as well as exterior brick cleaning and tuck pointing. Construction is scheduled to begin May 1987, and be completed December 1988.

April 2 and 3, 1987 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

LAZENBY HALL RENOVATION (contd)

General Contract

Date Received:	February 25, 1987
No. of Bids:	4
Low Bid:	\$2,641,800.00*+
High Bid:	\$3,112,921.00*
Estimate of Cost:	\$2,577,154.00*
Awarded to:	Sherman R. Smoot Co., Columbus, OH

Plumbing Contract

Date Received:	February 25, 1987
No. of Bids:	4
Low Bid:	\$ 153,700.00*
High Bid:	\$ 234,800.00*
Estimate of Cost:	\$ 184,106.00*
Awarded to:	Westland Mechanical Corp., Reynoldsburg, OH

HVAC Contract

Date Received:	February 25, 1987
No. of Bids:	5
Low Bid:	\$ 862,777.00*+
High Bid:	\$1,035,000.00*
Estimate of Cost:	\$ 823,786.00*
Awarded to:	ATF Mechanical, Columbus, OH

Fire Protection Contract

Date Received:	February 25, 1987
No. of Bids:	3

*Recommended alternates reflected in these figures.

+General Contract and HVAC Contract are in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

April 2 and 3, 1987 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

LAZENBY HALL RENOVATION (contd)

Fire Protection Contract (contd)

Low Bid:	\$ 48,011.00*
High Bid:	\$ 57,528.00*
Estimate of Cost:	\$ 51,925.00*
Awarded to:	Capital Fire Protection Co., Columbus, OH

Electric Contract

Date Received:	February 25, 1987
No. of Bids:	6
Low Bid:	\$ 520,200.00*
High Bid:	\$ 842,390.00*
Estimate of Cost:	\$ 578,338.00*
Awarded to:	Royal Electric Construction Corp., Columbus, OH

Total All Contracts: \$4,226,488.00*

Total Contingency Allowance: \$ 223,830.84 (which is 5.3% of construction costs)

Total Project Cost: \$5,020,000.00

Funding: SB 348; HB 870 and University Funds

*Recommended alternates reflected in these figures.

MCPHERSON (SAWTOOTH) REPLACEMENT - PHASE III
EVANS LABORATORY

Description: This phase of the project involves the renovation of Evans Laboratory to provide new research laboratory space and offices. Construction is scheduled to begin in the spring of 1987 and be completed in August 1987.

General Contract

Date Received:	February 11, 1987
No. of Bids:	9
Low Bid:	\$ 213,600.00*
High Bid:	\$ 254,400.00*

*Recommended alternates reflected in these figures.

April 2 and 3, 1987 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MCPHERSON (SAWTOOTH) REPLACEMENT - PHASE III
EVANS LABORATORY (contd)

General Contract (contd)

Estimate of Cost:	\$ 244,147.00*
Awarded to:	Ed Ross Construction Co., Westerville, OH

Plumbing Contract

Date Received:	February 11, 1987
No. of Bids:	3
Low Bid:	\$ 94,000.00*
High Bid:	\$ 110,000.00*
Estimate of Cost:	\$ 94,163.00*
Awarded to:	C W Construction Co., Inc., Groveport, OH

HVAC Contract

Date Received:	February 11, 1987
No. of Bids:	1
Low Bid:	\$ 20,100.00
Estimate of Cost:	\$ 25,000.00
Awarded to:	F J Hoff Mechanical Inc., Columbus, OH

Electric Contract

Date Received:	February 11, 1987
No. of Bids:	5
Low Bid:	\$ 46,798.00*
High Bid:	\$ 73,912.00*
Estimate of Cost:	\$ 75,940.00*
Awarded to:	Frush & Homan Inc., Columbus, OH

Total All Contracts:	\$ 374,498.00*
Total Contingency Allowance:	\$ 29,605.77 (which is 8% of construction costs)
Total Project Cost:	\$ 460,000.00*

*Recommended alternates reflected in these figures.

April 2 and 3, 1987 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MCPHERSON (SAWTOOTH) REPLACEMENT - PHASE III
EVANS LABORATORY (contd)

Funding: SB 348 and University Funds

NEWTON HALL REMODELING

Description: This project involves the renovation and remodeling of several rooms in the basement of Newton Hall to provide teaching laboratories necessary to meet the program needs of the College of Nursing. Construction is scheduled to begin in May 1987, and be completed in October 1987.

General Contract

Date Received:	February 26, 1987
No. of Bids:	3
Low Bid:	\$ 174,202.00
High Bid:	\$ 193,163.00
Estimate of Cost:	\$ 221,709.00
Awarded to:	C W Construction Co., Inc., Groveport, OH

Plumbing Contract

Date Received:	February 26, 1987
No. of Bids:	1
Low Bid:	\$ 54,000.00 ⁺
Estimate of Cost:	\$ 48,155.00
Awarded to:	C W Construction Co., Inc., Groveport, OH

HVAC Contract

Date Received:	February 26, 1987
No. of Bids:	4
Low Bid:	\$ 38,640.00
High Bid:	\$ 41,719.00
Estimate of Cost:	\$ 42,253.00

+Plumbing Contract is in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

April 2 and 3, 1987 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

NEWTON HALL REMODELING (contd)

HVAC Contract (contd)

Awarded to: Griffith Sheet Metal, Inc., Springfield,
OH

Electric Contract

Date Received: February 26, 1987

No. of Bids: 7

Low Bid: \$ 60,188.00

High Bid: \$ 104,000.00

Estimate of Cost: \$ 80,425.00

Awarded to: Royal Electric Construction Corp.,
Columbus, OH

Total All Contracts: \$ 327,030.00

Total Contingency Allowance: \$ 26,192.24 (which is 8% of construc-
tion costs)

Asbestos Abatement: \$ 54,450.00

Total Project Cost: \$ 445,650.00

Funding: SB 348; HB 870 U & R and University Funds

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**SALE OF REAL PROPERTY
4466 NORTH HIGH STREET
COLUMBUS, OHIO**

Resolution No. 87-115

Synopsis: Sale of property located at 4466 North High Street in Columbus, Ohio, is proposed.

WHEREAS in 1985 the Board of Trustees acquired the property located at 4466 North High Street by gift from the A. Sophie Rogers Foundation; and

April 2 and 3, 1987 meeting, Board of Trustees

**SALE OF REAL PROPERTY
4466 NORTH HIGH STREET
COLUMBUS, OHIO (contd)**

WHEREAS under the terms of this gift the property is to be sold and the net proceeds of the sale are to be used to support the Laboratory for Child and Family Studies in the College of Home Economics and to establish the A. Sophie Rogers Memorial Fund to provide continuing support for this program; and

WHEREAS the Lodge Investment Company, Inc., of Columbus, Ohio, has offered to purchase this property for \$330,000.00; and

WHEREAS it is the desire of this Board to accept the offer of the Lodge Investment Company, Inc., and to sell all of the Board's right, title, and interest in and to this property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or the Vice President for Business and Administration be authorized, in the name of the Board of Trustees of The Ohio State University, to sell all of the University's right, title, and interest in and to the property located at 4466 North High Street to the Lodge Investment Company, Inc., with the net proceeds from such sale to be used to support the Laboratory for Child and Family Studies and to establish the A. Sophie Rogers Memorial Fund.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 87-116

RESOLVED, That the report on the University's Investment Portfolio, dated March 20, 1987, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, May 7, 1987, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

Daniel M. Galbreath
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND THIRTIETH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 7 and 8, 1987

The Board of Trustees met at its regular monthly meeting on Thursday, May 7, and Friday, May 8, 1987, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *
Minutes of the last meeting were approved.
* * *

May 7 and 8, 1987 meeting, Board of Trustees

The Chairman, Mr. Galbreath, called the meeting of the Board of Trustees to order on May 7, 1987, at 3:05 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Daniel M. Galbreath, Chairman, Edmund C. Redman, Shirley D. Bowser, John J. Barone, and Deborah E. Casto.

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Mr. Galbreath reconvened the meeting on May 8, 1987, at 10:35 a.m.

Present: Daniel M. Galbreath, Chairman, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, Deborah E. Casto, and John W. Kessler.

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**ELECTION OF OFFICERS
BOARD OF TRUSTEES**

Resolution No. 87-117

Mr. Scott read the Nominating Committee's report in which the following slate of officers were recommended:

WHEREAS pursuant to paragraph (B) of rule 3335-1-02 of the Administrative Code, the officers of the Board are to be elected at the May meeting to take office immediately following adjournment of the meeting (May 8, 1987) and shall hold their office through the May 1988 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1987-88 be elected:

Edmund C. Redman, Chairman

Leonard J. Immke, Vice Chairman

Madison H. Scott, Secretary

James L. Nichols, Treasurer

Upon motion of Mr. Teaford, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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APPRECIATION TO DANIEL M. GALBREATH

President Jennings made the following statement:

Mr. Chairman, upon the election of new officers I would like, on behalf of all of The Ohio State University, as well as personally, to express our deep and abiding appreciation for all of the outstanding work that you, Dan Galbreath, have done for

May 7 and 8, 1987 meeting, Board of Trustees

APPRECIATION TO DANIEL M. GALBREATH (contd)

President Jennings: (contd)

Ohio State University. The time and the effort that you have expended for us have been well worth it. Nine years seems like a long time, but I know from your point of view it has gone by in a wink of an eye. All of us have benefited from your counsel, your support, your wisdom, and most particularly your understanding of the University and all of its various complexities and constituencies; and for that, Ohio State and I will be eternally grateful.

With that we would like to present to you a very small token of our appreciation to remind you, not only of your efforts through the last nine years, but particularly your efforts during the past year as Chairman of the Board of Trustees.

President Jennings presented Mr. Galbreath with a gavel, inscribed as follows, in recognition of outstanding service as a member and chairman of the Board of Trustees:

DANIEL M. GALBREATH

in appreciation of his service

to the Board of Trustees of

The Ohio State University

Member 1978-1987

Chairman 1986-1987

Mr. Galbreath made the following statement:

Thank you, Ed, I appreciate that. It's very, very nice -- I will cherish this. We had a Trustee's dinner last night and I said my farewells, so I will not do that again. But maybe at the end of the meeting I will have a comment or two, because I consider this to be a rare privilege to have had the opportunity to serve.

My father has joined us on my last day, my last hurrah, but for another reason as well. As perhaps some of you might know, we are in the thoroughbred business and have been very close to the Veterinary Hospital here. And as we have traveled around the country, literally, with our horses in competition, the doctors (the vets) that have graduated from Ohio State continually lead the rest of the country in their reputation, particularly in equine surgery. Sadly enough, my father's best three year old, who was an outside possible starter in the Derby this year, came up with a fracture about two months ago. Our trainer in New York said, "I would like to send him out to Dr. Bramlage at Ohio State." Again, more evidence of the reputation, not only of Dr. Bramlage, but other doctors such as Bob Copeland down in Lexington, and Dr. Reed, who travels the racing circuits in New York.

May 7 and 8, 1987 meeting, Board of Trustees

APPRECIATION TO DANIEL M. GALBREATH (contd)

Mr. Galbreath: (contd)

In this Capital Campaign that the University is involved in, one major emphasis is in upgrading and expanding the critical care area in this veterinary surgery area. My father and our family would like to announce a pledge of \$1.5 million towards the construction of that. I wanted my dad, obviously, to be here for that announcement.

You can be sure that as we travel in various circles, whether it be the thoroughbred or others, that we expound the virtues of this great University. And in no place, including Lexington, Kentucky, is the work that is done here at our Vet Clinic more appreciated. It is an honor for us to be able to give this particular surgery center an extra little boost. We have enjoyed that opportunity and look forward to its construction.

President Jennings:

Dan, this is a tremendous show of generosity on the part of yourself and the entire Galbreath family. I think it is significant, not only the generosity, but the recognition on the part of the Galbreath family of the truly national and international reputation that The Ohio State University Veterinary School enjoys, not only generally but specifically, in dealing with equine research. This is the type of generosity that will be extraordinarily important in that it provides us with that margin of excellence needed to maintain and continue to expand our quality. We particularly appreciate the faith and confidence that the Galbreath family has placed in Ohio State University, particularly the Vet School, by this tremendously generous gift. We think that we will be up to your confidence and hope to do better. Although, when you're the best in the nation, it's tough to continue to do better. We appreciate it and I think there is no question now that Columbus, Ohio, is the center of equine research and not Lexington, Kentucky.

Mr. Galbreath:

Mr. President, I appreciate you fitting that into your agenda and I might ask Mr. Redman, if he would chair this meeting as I go outside with my dad for a few minutes.

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NAMING OF BUILDING

Resolution No. 87-118

Synopsis: The naming of a building at the Agricultural Technical Institute is proposed.

WHEREAS the Board of Trustees, pursuant to rule 3335-1-08 (G) of the Ohio

May 7 and 8, 1987 meeting, Board of Trustees

NAMING OF BUILDING (contd)

Administrative Code, has the authority to name all buildings and structures at The Ohio State University; and

WHEREAS it has been requested that a proper name be given to the building at the Agricultural Technical Institute, now commonly known as "Phase I" and occupied since 1973; and

WHEREAS Jerry J. Halterman, the first Director of the Agricultural Technical Institute and an active participant at ATI from 1967 to 1978, labored unselfishly on behalf of the Institute and personally supervised the construction, staffing and operation of this building; and

WHEREAS the President recommended, with the concurrence of the President's staff, that the aforementioned building be named in honor of Jerry J. Halterman:

NOW THEREFORE

BE IT RESOLVED, That hereafter the building previously named Phase I at the Agricultural Technical Institute shall bear the name, "Jerry J. Halterman Hall."

Upon motion of Mr. Teafor, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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RENAMING OF DEPARTMENT

Resolution No. 87-119

Synopsis: A proposal to change the name of the Department of Genetics to the Department of Molecular Genetics is recommended.

WHEREAS the faculty of the College of Biological Sciences supports the renaming of the Department of Genetics to the Department of Molecular Genetics; and

WHEREAS the name Molecular Genetics more accurately reflects the orientation of the Department; and

WHEREAS the name change would better enable the Department to attract highly qualified faculty members and students; and

WHEREAS the name change would bring Ohio State's Department of Genetics in line with similar departments nationally; and

WHEREAS the University Senate approved the renaming of the Department of Genetics at their April 4, 1987 meeting:

NOW THEREFORE

BE IT RESOLVED, That the Department of Genetics be renamed the Department of Molecular Genetics, effective immediately.

May 7 and 8, 1987 meeting, Board of Trustees

RENAMING OF DEPARTMENT (contd)

Upon motion of Mrs. Bowser, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 87-120

Synopsis: Amendments to rules 3335-5-4816 and 3335-15-01 are being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on April 4, 1987, as follows:

AMENDED RULES

3335-5-4816 Committee on women and minorities.

(A) Membership.

The committee on women and minorities shall consist of eleven members.

(1) Six regular faculty.

(2) Three students.

(a) One graduate student.

(b) One professional student.

(c) One undergraduate student.

(3) Two administration members, non-voting.

(a) The vice provost for minority affairs, or designee.

(b) The executive officer for human relations, or designee.

(B) Duties and responsibilities.

(1) Study, evaluate, and make appropriate recommendations for programs to improve educational, employment, and advancement opportunities for women and minorities at the university.

(2) Evaluate university affirmative action policy and make appropriate recommendations to the senate, the president, or other interested parties.

May 7 and 8, 1987 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (3) Oversee the administration of affirmative action grants and awards and where appropriate promote similar programs in the area of affirmative action.
- (4) Report from time to time, but at least annually, to the senate on the progress of affirmative action at the university.

3335-15-01 Masculine and feminine gender.

The language incorporated throughout these rules is intended to be inclusive and free of gender specific connotation. In those instances where gender specificity remains, unless specifically noted, it is to be considered as including both the masculine and feminine gender.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT

Resolution No. 87-121

Synopsis: Approval is being requested for awarding degrees and certificates for Spring Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on June 12, 1987, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Berry, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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May 7 and 8, 1987 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 87-122

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the April 3, 1987 meeting of the Board, including the following Leaves of Absence Without Salary, Leave of Absence Without Salary--Continuation, Professional Improvement Leaves--Change of Dates, and Emeritus Titles as detailed in the University Budget be approved.

Leaves of Absence Without Salary

MARI R. JONES, Professor, Department of Psychology, effective Spring Quarter 1987, to accept a Fellowship at The Netherlands Institute for Advanced Studies.

DOUGLAS D. SOUTHGATE, Associate Professor, Department of Agricultural Economics and Rural Sociology - OARDC, effective April 1, 1987, through June 30, 1987, to accept a Fulbright Fellowship in Ecuador.

ANN DOBYNS, Assistant Professor, Department of English, effective Autumn Quarter 1987 and Winter Quarter 1988, to complete her book.

BRUCE R. GAUMNITZ, Assistant Professor, Academic Faculty of Accounting and Management Information Systems, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988, in order to undertake a concentrated program of academic research.

JAMES M. PEARCE, JR., Assistant Professor, Department of English, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988, to accept a Fellowship at the University of California at Berkeley.

Leave of Absence Without Salary--Continuation

CATHERINE L. WOOD, Assistant Professor, Departments of Internal Medicine and Pharmacology, effective May 1, 1987, through August 31, 1987, for personal reasons.

Professional Improvement Leaves--Change of Dates

STEPHEN S. PINSKY, Professor, Department of Physics, change leave from Winter Quarter and Spring Quarter 1987, to Winter Quarter 1987.

ZARIFE SAHENK, Associate Professor, Department of Neurology, change leave from October 1, 1986, through July 31, 1987, to October 1, 1986, through May 14, 1987.

Emeritus Titles

WILLIAM H. HALVERSON, University College Administration, with the title Associate Dean Emeritus, effective February 1, 1987.

GEORGE A. BARBER, Department of Biochemistry, with the title Professor Emeritus, effective April 1, 1987.

STUART L. PETRIE, Department of Aeronautical and Astronautical Engineering, with the title Professor Emeritus, effective July 1, 1986.

May 7 and 8, 1987 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

PAUL A. HICKFANG, School of Music, with the title Associate Professor Emeritus, effective July 1, 1987.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 87-123

Synopsis: Resolutions honoring the service of three of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

George L. Lewis

The Board of Trustees of The Ohio State University, expresses its sorrow upon the death on April 16, 1987, of George L. Lewis, Professor Emeritus in the Department of Educational Theory and Practice.

Professor Lewis was born on March 12, 1916. He received Bachelor of Arts and Master of Arts degrees from Brigham Young University and a Ph.D. from the University of Denver in 1954. During World War II, he served as a radio operator with the Army Air Corps.

Dr. Lewis joined the faculty in 1956, serving as Assistant Professor, Associate Professor, and then Professor of Speech and Theater Education in the Humanities Education Program of the Department of Educational Theory and Practice. Upon his retirement in 1985, he was named Professor Emeritus.

Professor Lewis served as Chairman for Graduate Studies in Education from 1957 to 1961. He developed a vigorous children's theater program and directed many children's theater productions on Campus. He authored nearly fifty articles, reviews, and books.

On behalf of the University community, the Board of Trustees expresses to the family of George Lewis its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

H. Farrand Livingston

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 9, 1987, of H. Farrand Livingston, Professor Emeritus in the College of Social Work.

May 7 and 8, 1987 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

H. Farrand Livingston (contd)

Professor Livingston was born December 1, 1907. He received a Bachelor of Arts degree from Yankton College in 1929. For several years he was Chief of the Social Security Administration for the State of South Dakota. He received his MA degree in social service administration from the University of Chicago in 1940.

Professor Livingston joined the faculty of The Ohio State University as an Associate Professor in 1947. He served as an Associate Professor until 1961 when he was promoted to Professor. He served as Professor until his retirement in June 1973. Upon his retirement, Professor Livingston was awarded the rank of Professor Emeritus.

Professor Livingston was the author of several studies related to the nation's experiences during the great depression including works on the CCC, AFDC and Public Welfare. He also gave leadership to the development of national standards for child adoptions and child welfare practices.

On behalf of the University community, the Board of Trustees expresses to the family of H. Farrand Livingston its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Minnie Price

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 21, 1987, of Minnie Price, Professor Emeritus in the Ohio Cooperative Extension Service.

Minnie Price was born December 2, 1888, in Kings Valley, Oregon, and received a Bachelor of Science degree from Oregon State College in 1911. Later, she received a Bachelor of Science degree in Home Economics and Education in 1915 and a Master of Arts degree in Education and Sociology in 1930, both from Columbia University.

Miss Price began her teaching career in an Oregon one-room county school. She became the first county home demonstration agent in New England in 1915. She came to The Ohio State University in 1921 as an Assistant State Home Demonstration Leader and was appointed to the post of State Home Demonstration Leader in 1923, remaining in that position until her retirement in 1951.

After retirement, Minnie Price continued to be involved with home economics related activities serving as Extension Home Economist with the Organization of American States headquartered in Lima, Peru. She was a member of the American and Ohio Home Economics Association; League of Women Voters; Ohio Congress of Parents and Teachers; the American Adult Education Association; and enjoyed working as a hospital volunteer. In her distinguished career, Minnie Price was selected as a representative to the Executive Committee of the National Association of Land Grant Colleges and Universities; received a Superior Service Award from the U.S. Department of Agriculture in May 1950; and received The Ohio State University Centennial Award for Distinguished Service in 1970.

May 7 and 8, 1987 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Minnie Price (contd)

Minnie Price was a true pioneer in her field, a great innovator in the early-day education for women, and enjoyed a long and distinguished career holding the highest of ideals for herself and expected nothing less from those around her. In this model role, she was highly respected by her associates throughout the State and country. Two scholarships bearing her name were established, one at The Ohio State University and one at Oregon State University.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Berry, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 87-124

Synopsis: The reports on contracts, grants, and gifts and the summary for March 1987 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, The Ohio State University Development Fund, and The Ohio State University Foundation:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Foundation during the month of March 1987 be approved.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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May 7 and 8, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MARCH 1987

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	110	\$6,175,127.14
Engineering Experiment Station	49	\$ 195,142.00
Total	159	\$6,370,269.14

The Ohio State University Development Fund

Establishment of Named Funds

The Isadore and Ida Topper Professorship in Law (Support and recognize the work of a distinguished scholar and teacher)	\$ 250,000.00
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The Dunning, Higham, Mucil and Sprock Fund in Industrial & Systems Engineering (Aid the research, teaching, service program/facilities and alumni functions)	\$ 20,000.00
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Dr. H. Wayne Ramsey Memorial Scholarship in Music Education (Scholarships)	\$ 16,320.00
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The Donald N. and Eleanor L. Friend Scholarship Fund (Scholarships - major in finance)	\$ 15,063.75
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The Helen C. Freyhof Athletic Scholarship Fund (Supplement the grant-in-aid fund for qualified student-athletes who are members of the women's basketball team)	\$ 15,000.00
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The Walter Rudin Pace Setter Junior Scholarship (Scholarships)	\$ 10,000.00
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The Maude Taylor Stout Instrumental Music Scholarship Fund (Scholarships)	\$ 10,000.00
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The Thomas E. Leontis Lecture in Modern Greek Studies (Support a lectureship)	\$ 5,000.00
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Change in Description of Named Fund

The William M. and Frances Smith Junk Endowed Fund

May 7 and 8, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MARCH 1987 (contd)

The Ohio State University Development Fund (contd)

Change of Name and Description of Named Fund

From: The Frank E. and Harriet E. Hedrick
Scholarship Endowment Fund
To: The Frank E. and Harriet E. Hedrick
Aviation Student Award Fund

The Ohio State University Foundation

Approval of Descriptions and Establishment
of Funds

Portion Transferred
for Program Support*

The Bank One Chair for Excellence Fund
(Establish a Chair)

The William H. Davis Medical Research
Center Fund
(Support the basic and applied clinical
research activities into the cause, cure,
and prevention of human illnesses and disorders
common during normal aging)

The Dorothy M. Davis Chair in Cancer Research Fund
(Chair shall be established to advance cancer
research)

The John G. and Jeanne B. McCoy Fund
(Jointly divided between the President of The
Ohio State University and the Dean of the
College of Medicine and shall be expended by
them without restriction)

Change in Description of Named Chair

The John Deaver Drinko - Baker & Hostetler
Chair in Law

*Portion transferred is to be specified annually in a report submitted by
the University Treasurer.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (cont'd)

The Ohio State University Campaign
Progress Report
Through March 31, 1987

	<u>*Campaign Expectancies</u>	<u>Current Year Campaign Receipts (July-Mar. 87)</u>	<u>Previous Years' Campaign Receipts As of June 30, 1986</u>	<u>Total</u>	<u>Campaign Goal</u>	<u>% Achieved</u>
Alumni	\$53,349,302	\$12,538,558	\$12,112,433	\$78,000,293	\$122,500,000	64
Friends	30,262,067	8,214,046	10,625,810	49,101,923	70,000,000	70
Corporations	11,983,850	11,033,117	15,929,855	38,946,822	122,500,000	32
Foundations	<u>2,695,500</u>	<u>2,425,416</u>	<u>3,425,615</u>	<u>8,546,531</u>	<u>35,000,000</u>	24
Univ. Dev. Totals	\$98,290,719	\$34,211,137	\$42,093,713	\$174,595,569	\$350,000,000	50
Grants Rec'd by Office of Sponsored Programs	<u> </u>	<u> </u>	<u>17,217,522</u>	<u>17,217,522</u>	<u> </u>	
Grand Total	\$98,290,719	\$34,211,137	\$59,311,235	\$191,813,091	\$350,000,000	55

*Defined as pledges and deferred commitments less payments already received.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY
OFFICE OF UNIVERSITY DEVELOPMENT
OSU FOUNDATION & DEVELOPMENT FUND RECEIPTS

July-March
1985-86 compared to 1986-87

GIFT RECEIPTS BY DONOR TYPE

	Donors July through March			Dollars July through March		
	<u>1985-86</u>	<u>1986-87</u>	<u>% Change</u>	<u>1985-86</u>	<u>1986-87</u>	<u>% Change</u>
Alumni	35,637	40,644	14	\$6,924,160	\$12,538,558	81
Non-Alumni	17,869	19,184	7	4,587,273	8,214,046	79
Corporations	1,184	1,363	15	4,928,409	7,550,754	53
Corporate Foundations	207	239	15	1,526,116	1,507,234	(1)
Private Foundations	100	110	10	2,597,170	2,425,416	(7)
Other	<u>484</u>	<u>552</u>	14	<u>1,190,524</u>	<u>1,975,129</u>	66
TOTAL	55,481	62,092	12	\$21,753,652	\$34,211,137	57

May 7 and 8, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - March 1987

Federal Research Contracts/Grants

\$255,470.00 - Department of Health and Human Services, Public Health Service, Center for Disease Control, Atlanta, Georgia, Development of a Multisized Hybrid III Dummy, Department of Mechanical Engineering (R. L. Stalnaker), 1 April 1987 through 31 March 1988. (Project 765973 - New)

\$237,189.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, Bethesda, Maryland, Caregivers of AD Victims: Stress and Mental Health, Department of Psychiatry (J. Kiecolt-Glaser) and Department of Medical Microbiology and Immunology (M. R. Glaser), 1 April 1987 through 31 March 1988. (Project 765958 - New)

\$189,239.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Cytotoxic Cocarcinogenic and Antileukemic Agents, Department of Chemistry (L. A. Paquette), 1 June 1987 through 31 May 1988. (Project 763284 - Continuation)

\$168,968.00 - Department of Health and Human Services, Public Health Service, Health Resources Services Administration, Rockville, Maryland, Advanced Nurse Training: Proposal for Doctoral Program, Department of Family and Community Nursing (E. M. Menke), 1 March 1987 through 29 February 1988. (Project 764615 - Continuation)

\$158,530.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Unusual Biologically Active Terpenes, Department of Chemistry (L. A. Paquette), 1 April 1987 through 31 March 1988. (Project 763497 - Continuation)

\$156,442.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, RNA Splicing in Neurospora Mitochondria, Department of Genetics (A. M. Lambowitz), 1 April 1987 through 31 March 1988. (Project 765596 - Continuation)

\$150,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 1 March 1987 through 30 April 1987. (Project 761608 - Continuation)

\$139,348.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Metabolism of (N-3) Fatty Acids, Department of Physiological Chemistry (H. W. Sprecher), 1 April 1987 through 31 March 1988. (Project 760745 - Continuation)

\$136,504.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Epstein-Barr

May 7 and 8, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Virus DNA in Transfected Cells, Department of Medical Microbiology and Immunology (M. R. Glaser), 1 April 1987 through 31 March 1988. (Project 762623 - Continuation)

\$133,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Acoustic Microscope for Advanced Materials -- Characterization and Nondestructive Evaluation, Department of Welding Engineering (L. Adler), 12 February 1987 through 11 February 1988. (Project 765898 - New)

\$125,294.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Measurement of the Properties of Lossy Materials Inside a Finite Conducting Cylinder, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 20 February 1987 through 19 February 1988. (Project 765938 - New)

\$119,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Synthesis, Characterization and Reactivity of Cobalt (II) -- Dioxygen Complexes in Zeolite Cavities -- Request for Instrumentation, Department of Chemistry (P. K. Dutta), 16 February 1987 through 15 February 1988. (Project 765924 - New)

\$111,241.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Oral Tolerance in Allergic Encephalomyelitis, Department of Medical Microbiology and Immunology (C. C. Whitacre), 1 April 1987 through 31 March 1988. (Project 765266 - Continuation)

\$110,956.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Unified Head Injury Theory, Department of Mechanical Engineering (R. L. Stalnaker), 1 July 1986 through 31 December 1987. (Project 764510 - Continuation)

\$102,662.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Biologically Active Alkaloids, Department of Chemistry (D. J. Hart), 1 April 1987 through 31 March 1988. (Project 762083 - Continuation)

\$85,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Prophylactics and Antidotes Against Acetylcholinesterase Inhibition, College of Pharmacy (D. T. Witiak), 1 March 1987 through 29 February 1988. (Project 765926 - New)

\$79,000.00 - Department of Energy, Argonne, Illinois, Study of the Basis for the Competitiveness of Rhizobium japonicum in the Nodulation of Soybean, Department of Agronomy - OARDC and Department of Agronomy (W. D. Bauer), 15 May 1987 through 14 May 1988. (Project 765360 - Continuation)

\$77,360.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Computer Based Pathology Consultation Submodule, Department of Pathology (J. W.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Smith), 1 March 1987 through 29 February 1988. (Project 764606 - Continuation)

\$76,344.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Engineering Calculations for Communications Satellite Systems Planning, Department of Electrical Engineering, ElectroScience Laboratory (E. K. Walton) and Department of Industrial and Systems Engineering (C. H. Reilly), 12 February 1987 through 10 August 1987. (Project 762552 - Continuation)

\$75,597.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Omnidirectional Dummy Head and Neck, Department of Mechanical Engineering (R. L. Stalnaker), 1 January 1987 through 31 December 1987. (Project 763945 - Continuation)

\$73,730.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Receptor Regulation of Adrenal Catecholamine Secretion, College of Pharmacy (D. B. McKay), 1 April 1987 through 31 March 1988. (Project 765968 - New)

\$68,000.00 - National Science Foundation, Washington, D.C., Experimental Study of Metal Films, Department of Physics (T. R. Lemberger), 1 March 1987 through 29 February 1988. (Project 765249 - Continuation)

\$67,074.00 - Department of Education, Office of Special Education and Rehabilitative Services, Washington, D.C., Special Projects -- Project LRE/PE, Department of Human Services Education and School of Health, Physical Education and Recreation (P. Jansma), 1 July 1987 through 30 June 1988. (Project 765970 - Continuation)

\$62,916.00 - Department of Transportation, Transportation System Center, Cambridge, Ohio, Research into the Correlation of Accidents, Human Error and Critical Element Failure in Aviation -- Technical Task Direction #3: Pilot Weather Knowledge, Department of Industrial and Systems Engineering (T. H. Rockwell), 19 February 1987 through 18 November 1987. (Project 765196 - Continuation)

\$54,255.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Argon Laser Trabeculectomy Glaucoma Trial, Department of Ophthalmology (P. A. Weber), 22 February 1987 through 21 February 1988. (Project 764587 - Continuation)

\$51,517.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Computer-Based Pathology Consultation, Department of Pathology (J. W. Smith), 1 March 1987 through 29 February 1988. (Project 764598 - Continuation)

\$50,000.00 - National Science Foundation, Washington, D.C., High Resolution X-Ray Diffraction Studies of Silicate Minerals, Department of

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Geology and Mineralogy (J. W. Downs), 1 June 1987 through 31 May 1988.
(Project 765971 - New)

\$49,995.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Mixing in Supersonic Shear Layers, Department of Mechanical Engineering (M. Samimy), 1 February 1987 through 31 January 1988.
(Project 765931 - New)

\$48,379.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Flow Cytometric Analysis of Oral Actinobacillus, Department of Periodontics (W. Buchanan), 1 March 1987 through 29 February 1988. (Project 765251 - Continuation)

\$45,000.00 - National Aeronautics and Space Administration, Washington, D.C., Cellular Polarity and Interactions in Plant Gravisperception, Department of Botany (F. D. Sack), 15 December 1986 through 14 December 1987. (Project 764883 - Continuation)

\$43,026.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Syntactic and Interpretive Processes in Coreference, Department of Linguistics (R. W. Cowart), 1 March 1987 through 29 February 1988. (Project 765967 - New)

\$38,400.00 - National Science Foundation, Washington, D.C., Topics in the Foundation of Mathematics, Department of Mathematics (H. Friedman), 1 July 1987 through 30 June 1988. (Project 765466 - Continuation)

\$32,490.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Passenger Car Handling and Stability Research, Phase 2, Department of Mechanical Engineering (L. A. Kennedy), 1 November 1986 through 31 March 1987. (Project 765097 - Continuation)

\$30,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Sea Grant Internship -- Education, Center for Lake Erie Area Research (J. M. Reutter), 1 February 1987 through 31 January 1988. (Project 764320 - Continuation)

\$29,992.00 - National Science Foundation, Washington, D.C., Shape Perception, Department of Electrical Engineering (H. N. Hemami), 1 February 1987 through 31 July 1988. (Project 765947 - New)

\$27,006.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Experimental Study of Organized Structures in a Supersonic Shear Layer, Department of Mechanical Engineering (M. Samimy), 1 March 1987 through 29 February 1988. (Project 765794 - Continuation)

\$25,000.00 - Department of Education, Washington, D.C., Application for a Grant to Plan the National Center for Research in Vocational Education,

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

The National Center for Research in Vocational Education (R. D. Ryan, Jr.), 1 March 1987 through 31 July 1987. (Project 765944 - New)

\$24,168.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Recent Advances in Otitis Media: Research Conference, Department of Otolaryngology (D. J. Lim), 1 May 1987 through 31 March 1988. (Project 765948 - New)

\$24,000.00 - National Science Foundation, Washington, D.C., Mathematical Sciences: Problems Related to Graph Well-Quasi Ordering, Department of Mathematics (N. Robertson), 1 July 1987 through 30 June 1988. (Project 764642 - Continuation)

\$22,000.00 - Department of Agriculture, Agricultural Research Service, Washington, D.C., Development and Use of a Model Student Recruitment Program for U.S. Colleges of Agriculture, College of Agriculture - Administration (K. W. Reisch), 1 July 1987 through 30 June 1988. (Project 763701 - Continuation)

\$18,000.00 - National Science Foundation, Washington, D.C., Flora of Chile, Department of Botany (T. F. Stuessy), 15 April 1987 through 14 April 1989. (Project 765975 - New)

\$16,800.00 - National Science Foundation, Washington, D.C., Second Law Aspects of Thermal Design -- A Joint Seminar/Workshop: U.S.-Italy, Department of Mechanical Engineering (M. J. Moran), 1 April 1987 through 30 September 1988. (Project 765960 - New)

\$16,350.00 - National Science Foundation, Washington, D.C., Iwasawa Invariants and p-Adic L-Functions, Department of Mathematics (W. M. Sinnott), 1 July 1987 through 30 June 1988. (Project 765405 - Continuation)

\$12,737.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Polyquinane and Related Natural Products, Department of Chemistry (L. A. Paquette), 1 July 1987 through 30 June 1988. (Project 762298 - Continuation)

\$10,000.00 - Department of Agriculture, Forest Service, Double Springs, Alabama, Cave Resource Survey on the Bankhead National Forest, Department of Entomology (W. C. Welbourn and D. E. Johnston), 1 March 1987 through 30 August 1988. (Project 765930 - New)

\$10,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Intensity and Broadening Coefficients of Selected CO₂ Lines in the Infrared, Department of Physics (K. N. Rao), 1 October 1986 through 30 September 1987. (Project 765684 - Continuation)

\$8,075.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Solution

May 7 and 8, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Structure of Ribosomal 5S RNA and 5.8S RNA, Departments of Chemistry and Biochemistry and Chemical Instrumentation Center (A. G. Marshall), 1 October 1987 through 31 December 1987. (Project 762523 - Continuation)

\$6,968.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Analysis of Local Circuitry in the Inferior Olive, Department of Anatomy (G. A. Bishop), 1 March 1987 through 29 February 1988. (Project 763013 - Continuation)

\$6,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Biological Science, Office of Minority Affairs (L. G. Morrow), 1 March 1987 through 29 February 1988. (Project 765966 - Continuation)

\$6,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Medicine, Office of Minority Affairs (L. G. Morrow), 1 March 1987 through 29 February 1988. (Project 765963 - Continuation)

\$6,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Pharmacy, Office of Minority Affairs (L. G. Morrow), 1 March 1987 through 29 February 1988. (Project 765965 - Continuation)

\$6,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Veterinary Medicine, Office of Minority Affairs (L. G. Morrow), 1 March 1987 through 29 February 1988. (Project 765964 - Continuation)

\$4,637.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Cellular PD and Ion Activities in Renal Proximal Tubules, Department of Physiology (B. A. Biagi), 1 January 1987 through 31 December 1987. (Project 763050 - Continuation)

\$3,904.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Neural Control of Human Intestinal Mucosa, Department of Physiology (H. J. Cooke), 1 January 1987 through 31 December 1987. (Project 765037 - Continuation)

\$2,592.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Intestinal Bypass Surgery in Hibernation, Department of Physiology (H. J. Cooke), 16 January 1987 through 31 December 1987. (Project 765844 - Continuation)

May 7 and 8, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$2,568.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biology of Basal Cell Carcinoma, Department of Internal Medicine (R. E. Grimwood), 1 January 1987 through 31 December 1987. (Project 765145 - Continuation)

Equipment - Department of Energy, Morgantown, West Virginia, Energy-Related Laboratory Equipment, Engineering Experiment Station (J. W. Tainagi), 1 March 1987 through 30 May 1987. (Project 765951 - New) (Estimated Value - \$4,340)

TOTAL - FEDERAL AWARDS **\$3,690,723.00**

State of Ohio Research Contracts/Grants

\$50,000.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Litter Control and Recycling Education Program, Cooperative Extension State Operations (J. D. Rohrer), 4 February 1987 through 28 February 1988. (Project 763404 - Continuation)

\$23,309.00 - State of Ohio, Department of Development, Columbus, Ohio, Managing Child Behavior, College of Medicine - Administration (G. L. Trzebiatowski), 1 April 1987 through 31 March 1988. (Project 765936 - New)

\$9,730.00 - State of Ohio, Department of Aging, Columbus, Ohio, Program Review: The Passport Program, College of Social Work (C. Austin), 1 December 1986 through 31 March 1987. (Project 765949 - New)

\$9,489.00 - State of Ohio, Department of Development, Columbus, Ohio, Teen Parenting Project, Cooperative Extension Field Operations (B. J. Wurzel), 1 April 1987 through 31 March 1988. (Project 765319 - Continuation)

\$3,300.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Social Psychological Factors Related to the Quality of the Step-Mother Adolescent Relationships, Department of Economics - OARDC and Department of Family Relations and Human Development (B. M. Newman), 6 February 1987 through 30 June 1987. (Project 765954 - New)

TOTAL - STATE OF OHIO AWARDS **\$ 95,828.00**

Industrial Research Contracts/Grants

\$220,669.00 - Boeing Company, Seattle, Washington, Compact Range Performance Analysis, Department of Electrical Engineering, ElectroScience Laboratory (J. D. Young), 1 February 1987 through 1 December 1987. (Project 765919 - Continuation)

\$173,963.00 - Boots Pharmaceuticals, Inc., Shreveport, Louisiana, BPI916-01 Study, Flosequinan 100 mg -- Effect on Respiratory Response and Duration of Exercise, Department of Internal Medicine (C. V. Leier), 1 February 1987 through 31 January 1989. (Project 765932 - New)

May 7 and 8, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$97,411.00 - E.I. Dupont de Nemours & Company, Wilmington, Delaware, Development of Lymphokine Activated Killer Cell Adoptive Transfer Therapy in Man, Department of Internal Medicine (J. J. Rinehart), 1 July 1986 through 13 February 1988. (Project 764609 - Continuation)

\$87,113.00 - American Biosystems, Inc., Marine on St. Croix, Minnesota, Development of an Antifertility Vaccine for Veterinary Applications, Department of Obstetrics and Gynecology (V. C. Stevens), 1 March 1987 through 28 February 1988. (Project 765957 - New)

\$86,981.00 - The Upjohn Company, Kalamazoo, Michigan, Dose-Finding Study for Nicorandil (U-64,417) in Patients with Exertional Angina Pectoris -- TID Dosing, Department of Internal Medicine (H. Boudoulas and N. J. Davakis), 19 August 1986 through 30 June 1987. (Project 765925 - New)

\$71,465.00 - Burroughs Wellcome Co., Research Triangle Park, North Carolina, Dose-Range Finding and Safety of BW t-PA When Given by Continuous Intravenous Infusion for Up to 24 Hours to Patients with Acute Myocardial Infarction (MI), Department of Internal Medicine (R. D. Magorien), 9 September 1986 through 8 September 1987. (Project 765933 - New)

\$65,000.00 - Air Products and Chemicals, Inc., Allentown, Pennsylvania, Chelate Dioxide Carriers for Use in Facilitated Transport, Department of Chemistry (D. H. Busch), 1 February 1987 through 31 January 1988. (Project 763432 - Continuation)

\$58,341.24 - Merrell Dow Pharmaceuticals, Inc., Cincinnati, Ohio, Seldane Treatment of Rhinitis Symptoms Associated with the Common Cold -- Terfenadine Protocol 048-098, Department of Internal Medicine (D. L. McNeil), 1 March 1987 through 30 June 1987. (Project 765977 - New)

\$56,700.00 - Searle Research and Development, Skokie, Illinois, A Long-Term Double-Blind Safety Study of Milacemide in the Treatment of Complex Partial Seizures, Department of Neurology (M. E. Drake, Jr.), 1 December 1986 through 31 May 1988. (Project 765941 - New)

\$47,132.00 - Pfizer, Inc., Groton, Connecticut, A Multicenter Third Party Blinded Comparative Study of CP-62,993 and Erythromycin for the Assessment of Safety and Efficacy in the Treatment of Skin Structure Infections, Department of Internal Medicine (C. Camisa) and Department of Pharmacology (N. Gerber), 1 February 1987 through 30 June 1987. (Project 765955 - New)

\$40,000.00 - General Electric Company, Schenectady, New York, Ultrahigh Temperature Composite Materials and Process Screening, Department of Ceramic Engineering (E. R. Kreidler), 19 December 1986 through 31 December 1987. (Project 765952 - New)

\$29,766.00 - Fisons Corporation, Bedford, Massachusetts, A Phase III Study Comparing the Effects of Low and High Doses of Dopexamine Hydrochloride on Hemodynamic Parameters and Renal Hepatic and Limb Blood

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

Flow, Department of Internal Medicine (C. V. Leier), 1 March 1986 through 28 February 1987. (Project 765943 - New)

\$22,902.00 - Adria Laboratories, Columbus, Ohio, Evaluation of Mesna in the Prevention of Hemorrhagic Cystitis in Patients Conditioned for Bone Marrow Transplantation with a Cyclophosphamide Regimen, Department of Internal Medicine (P. J. Tutschka), 15 April 1986 through 11 April 1988. (Project 765942 - New)

\$13,292.00 - Polymer Technology Corporation, Wilmington, Massachusetts, Corneal Endothelial Cell Analysis for Persons Wearing Boston IV, Equalens, or #3 EXP-FSA Rigid Contact Lenses, College of Optometry (J. P. Schoessler), 1 April 1987 through 31 March 1988. (Project 765273 - Continuation)

\$10,500.00 - Sandoz, East Hanover, New Jersey, The Efficacy of a Potent Somatostatin Analog (SMS 201-995) in the Management of Type I (Insulin-Dependent) Diabetic Patients, Department of Internal Medicine (K. Osei), 1 June 1986 through 30 November 1987. (Project 765742 - New)

\$4,719.00 - SVO Enterprises, Columbus, Ohio, Study of Flavor and Heat Stabilities of High Oleic Acid Sunflower Oil, Department of Food Science and Nutrition - OARDC and Department of Food Science and Nutrition (D. B. Min), 1 March 1987 through 31 August 1987. (Project 765929 - New)

\$2,134.00 - The Procter & Gamble Company, Cincinnati, Ohio, Morphologic Investigation of Bismuth Neurotoxicity, Department of Neurology (J. P. Mendell and Z. Sahenk), 1 January 1984 through 30 June 1987. (Project 762821 - Continuation)

\$1,330.00 - Singer-Link, Inc., Binghamton, New York, Evaluation of the Esprit System Phase II, Department of Psychology (D. H. Owen), 1 March 1987 through 30 April 1987. (Project 765391 - Continuation)

Equipment - Eli Lilly and Company, Indianapolis, Indiana, Vital Signs Monitor Evaluation, Department of Physiology (G. E. Billman and J. P. Dujardin), 1 March 1987 through 29 February 1988. (Project 765928 - New) (Estimated Value - \$20,000)

TOTAL - INDUSTRIAL AWARD **\$1,089,418.24**

Other Non-Federal Research Contracts/Grants

\$389,414.00 - The Robert Wood Johnson Foundation, Princeton, New Jersey, A Randomized Trial of Catheter Versus Noncatheter Care in Institutionalized, Debilitated Elderly Women, Department of Internal Medicine (C. M. Kunin), 1 March 1987 through 29 February 1988. (Project 765961 - New)

\$204,570.00 - American Institute of Indian Studies, Minneapolis, Minnesota, Centre for Art and Archaeology of the American Institute of Indian Studies, Varanasi, Department of History of Art (S. L.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Huntington), 1 January 1986 through 31 December 1986. (Project 765913 - New)

\$103,143.00 - University of California, Lawrence Livermore National Laboratory, Livermore, California, Nuclear Spin Polarized Fuel for Laser Experiments, Department of Physics (J. R. Gaines), 1 December 1986 through 31 December 1988. (Project 764301 - Continuation)

\$96,944.00 - Smokeless Tobacco Research Council, Inc., New York, New York, Effect of Smokeless Tobacco on Periodontal Health, Oral Biology (K. Schroeder), 1 July 1987 through 30 June 1988. (Project 764728 - Continuation)

\$62,792.00 - The Pennsylvania State University, University Park, Pennsylvania, Measurement of Forest Condition and Response Along an Atmospheric Deposition Gradient, Laboratory for Environmental Science (J. R. McGlenahan), 1 October 1986 through 30 September 1987. (Project 765953 - New)

\$60,000.00 - Fernbank, Inc., Atlanta, Georgia, Computer Graphics Design and Communications Services, Relative to the Proposed Fernbank Museum of Natural History, Atlanta, Department of Art Education (C. A. Csurí), 1 March 1987 through 28 February 1988. (Project 765922 - New)

\$58,500.00 - University Affiliated Cincinnati Center for Developmental Disorders, Cincinnati, Ohio, Prevention Continuing Education in Rural Areas, Nisonger Center (S. R. Schroeder), 1 January 1987 through 31 December 1987. (Project 764528 - Continuation)

\$57,594.00 - Indonesia Ministry of Education and Culture, Jakarta, Indonesia, Indonesian Visiting Scholar Program -- Task Order D, College of Education - Administration (J. J. Buffer), 20 March 1987 through 31 August 1987. (Project 765362 - Continuation)

\$40,000.00 - National Geographic Society, Washington, D.C., A Cooperative Paleoclimatic Study of the Dundee Ice Cap, China, Byrd Polar Research Center (L. G. Thompson), 1 June 1987 through 30 May 1988. (Project 765372 - Continuation)

\$35,000.00 - The Petroleum Research Fund, Washington, D.C., Kinetics and Spectroscopy of Simple Triplet Aryl Nitrenes, Department of Chemistry (M. S. Platz), 1 April 1987 through 31 August 1989. (Project 765923 - New)

\$28,343.00 - University of Wisconsin, Madison, Wisconsin, Midwest Universities Consortium for International Activities, Inc. -- Indonesia Program in Geodesy, Surveying, Photogrammetry and Cartography, Department of Geodetic Science and Surveying (I. I. Mueller), 1 June 1986 through 30 September 1987. (Project 765395 - Continuation)

\$21,128.00 - Columbus Technical Institute, Columbus, Ohio, Articulation Assistance for Columbus Technical Institute, The National Center for

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Research in Vocational Education (R. D. Ryan, Jr.), 1 March 1987 through 30 June 1987. (Project 765341 - Continuation)

\$20,133.00 - Battelle Memorial Institute, Columbus, Ohio, Carbon Monoxide Electric Discharge Lasers and Isotope Separation, Department of Mechanical Engineering (J. W. Rich), 15 January 1987 through 27 July 1987. (Project 765908 - New)

\$19,274.00 - American Congress on Surveying and Mapping, Falls Church, Virginia, National Committee for Digital Cartographic Data Standards, Department of Geography (H. Moellering), 1 April 1987 through 30 June 1987. (Project 764886 - Continuation)

\$18,000.00 - The Petroleum Research Fund, Washington, D.C., An Investigation of Reverse Micelles in Supercritical Fluids, Department of Chemistry (S. V. Olesik and A. Wojcicki), 1 February 1987 through 31 August 1989. (Project 765935 - New)

\$15,000.00 - Tinker Foundation, New York, New York, Field Research Grants to Latin America and Iberia, University Center for International Studies (S. J. Summerhill) and Department of Agricultural Economics and Rural Sociology (D. H. Graham), 1 January 1987 through 31 December 1987. (Project 765189 - Continuation)

\$12,727.00 - California Institute of Technology, Pasadena, California, Application of Nonlinear Least Squares Methods to the Analysis of Laboratory Spectra and Solar Spectra, Department of Physics (J. H. Shaw), 1 January 1987 through 30 June 1987. (Project 764155 - Continuation)

\$9,155.90 - Guilford Technical Community College, Jamestown, North Carolina; Bessemer State Technical College, Bessemer, Alabama; Cuyahoga Community College District, Cleveland, Ohio; and Spartanburg Technical College, Spartanburg, South Carolina, National Postsecondary Alliance, The National Center for Research in Vocational Education (R. D. Ryan, Jr.), 1 July 1986 through 30 June 1987. (Project 765434 - Continuation)

\$8,610.00 - Cuyahoga Community College, Cleveland, Ohio, Technical Assistance for the Cleveland Public Schools/Cuyahoga Community College Articulation Efforts, The National Center for Research in Vocational Education (R. D. Ryan, Jr.), 1 March 1987 through 30 June 1987. (Project 765945 - New)

\$8,000.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking of Materials for Water Cooled Reactors, Department of Metallurgical Engineering (B. E. Wilde), 1 September 1985 through 1 May 1987. (Project 760982 - Continuation)

\$6,000.00 - F. J. Ingram State Technical College, Deatsville, Alabama; and State of Ohio, Department of Rehabilitation and Correction, Columbus, Ohio, National Corrections Education Consortium, The National Center for Research in Vocational Education (R. D. Ryan, Jr.), 1 January 1987 through 31 December 1987. (Project 765934 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$5,568.00 - University of Chicago, Chicago, Illinois, Functions and Statistics with Computers, Department of Mathematics (J. E. Schultz), 1 January 1987 through 31 March 1987. (Project 765579 - Continuation)

\$4,043.00 - Detroit Edison, Newport, Michigan, Consortium for the Development of Instructor Training Materials for the Electric Power Industry, The National Center for Research in Vocational Education (R. D. Ryan, Jr.), 1 November 1986 through 28 February 1987. (Project 765778 - Continuation)

\$4,000.00 - Connecticut Division of Vocational and Adult Education, Hartford, Connecticut; and Washington Vocational Education Administration, Olympia, Washington, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. D. Ryan, Jr.), 1 July 1986 through 30 June 1987. (Project 765533 - Continuation)

\$3,500.00 - University of California, Livermore, California, Thermodynamic Modeling of Sensitization and SCC Performance of Candidate Materials for Containment of High Level Nuclear Waste, Department of Metallurgical Engineering (B. E. Wilde), 1 October 1986 through 15 June 1987. (Project 765209 - Continuation)

\$2,500.00 - Ohio Pork Producers Council, Westerville, Ohio, Use of Maternal Dietary Galactose to Increase Fetal Energy Storage for Improvement of Baby Pig Survival, Department of Animal Science - OARDC and Department of Animal Science (T. G. Ramsay), 1 January 1987 through 31 December 1987. (Project 765959 - New)

\$2,000.00 - Ohio Pork Producers Council, Westerville, Ohio, Efficiency of Weight Gain in Sows Postweaning, Department of Animal Science - OARDC and Department of Animal Science (G. A. Isler and G. C. Shurson), 1 January 1987 through 31 December 1987. (Project 765921 - New)

\$2,000.00 - University of Illinois, Urbana, Illinois, Cooperative Grain Flow Survey, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (E. D. Baldwin), 1 January 1987 through 31 December 1987. (Project 765927 - New)

\$1,219.00 - Indiana Vocational Technical College - Northwest, Gary Indiana, Indiana Vocational Technical College -- Northwest Consulting Services, The National Center for Research in Vocational Education (R. D. Ryan, Jr.), 1 March 1987 through 31 March 1987. (Project 765946 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$1,299,157.90

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$50,000.00 - Edison Partnership Program, Columbus, Ohio, and Scantech,

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

State Sponsored Research and Development (contd)

Columbus, Ohio, "Research to Assess Application of the Scantech Digital X-Ray Inspection System to Nondestructive Evaluation of Welds," Departments of Nuclear Engineering and Welding Engineering, 1 February 1987 through 30 September 1987. (312407)

\$5,000.00 - Ohio Environmental Protection Agency, Columbus, Ohio, "Development of a Curriculum on Non-Point Water Pollution Problems," Department of City and Regional Planning, 1 March 1987 through 31 August 1987. (312405)

TOTAL - STATE SPONSORED RESEARCH \$ 55,000.00

Industrial and Other Sponsored Research and Development

\$49,960.00 - TRW, Inc., San Diego, California, "Pulse Modulator Development," Department of Electrical Engineering, 1 March 1987 through 31 July 1987. (312403)

\$25,882.00 - from 34 sponsors of 42 development projects under the direction of two engineering departments/research areas.

\$20,000.00 - Lockheed Missiles & Space Company, Inc., Sunnyvale, California, "Lockheed Scattering Development Studies," Department of Electrical Engineering, 23 February 1987 through 31 July 1987. (312404)

\$20,000.00 - Rosemount, Inc., Eden Prairie, Maine, "Compact Radar Cross Section Measurement Ranges Research and Development Consortium," Department of Electrical Engineering, 1 July 1986 through 30 June 1987. (312884 - Ext. 3)

\$19,300.00 - Harsco, Astro Division, Wooster, Ohio, "Development of Heat Transfer Correlation for the Astro AEX Compact Heat Exchanger," Department of Mechanical Engineering, 16 February 1987 through 15 August 1987. (312402)

\$5,000.00 - Edison Welding Institute, Columbus, Ohio, McDonnell Douglas, "Laser Enhanced Coaxial Weld Images for Douglas Aircraft," Department of Welding Engineering, 15 November 1986 through 15 March 1987. (312406)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 140,142.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Isadore and Ida Topper Professorship in Law

The Isadore and Ida Topper Professorship in Law was established May 8, 1987, by the Board of Trustees of The Ohio State University with gifts and a bequest to The Ohio State University Development Fund from Isadore Topper (J.D. '27), a most respected attorney in Columbus for over forty years and the first chairman of the National Council of the College of

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Isadore and Ida Topper Professorship in Law (contd)

Law, and Ida Topper, his wife, who was a loyal benefactor of the College of Law, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support and recognize the work of a distinguished scholar and teacher in the College of Law, with first preference being given to a member of the faculty who teaches in the area of administrative law and/or Constitutional law.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

The Dunning, Higham, Mucil and Sprock Fund
in Industrial & Systems Engineering

The Dunning, Higham, Mucil and Sprock Fund in Industrial & Systems Engineering was established May 8, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members of the Industrial Engineering Class of 1943.

All gifts are to be invested in the University's Permanent Endowment Fund, in common stock of leading corporations, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for those purposes other than student aid which will aid the research, teaching, service program/facilities and alumni functions, within the Department of Industrial & Systems Engineering in the College of Engineering. The Chairperson of the Department of Industrial & Systems Engineering will have sole authority to authorize the expenditures from the fund, as approved by the Dean of the College of Engineering.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Dr. H. Wayne Ramsey Memorial Scholarship in Music Education

The Dr. H. Wayne Ramsey Memorial Scholarship in Music Education was established May 8, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and family of H. Wayne Ramsey (M.A. '50, Ph.D. '57, Education), Professor Emeritus in the School of Music.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships to students majoring in Music Education with preference given, when possible, to those students majoring in general or choral music education. Recipients will be selected in accordance with procedures established in the School of Music, with final approval of the Director of the School of Music and the Dean of the College of The Arts, in cooperation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

The Donald N. and Eleanor L. Friend Scholarship Fund

The Donald N. and Eleanor L. Friend Scholarship Fund was established May 8, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Donald N. (B.S.Bus.Adm. '40), and Eleanor L. Friend (B.S.Ed. '43) of Harbor Springs, Michigan.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Ninety percent (90%) of the annual income shall be used to provide a scholarship(s) for an undergraduate student(s) in good standing. The recipient(s) must be a major in Finance with a concentration in banking studies. First preference should be given to a student(s) either attending the Lima Regional Campus of The Ohio State University, or one who has transferred to the Columbus Campus, College of Business, from the Lima Regional Campus. Scholarship recipients will be selected by the Dean of the Lima Campus and the Dean of the College of Business in consultation with the University Committee on Student Financial Aid. The remaining ten percent (10%) shall be allocated to the Beta Alpha Psi Fraternity in the College of Business at The Ohio State University.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Donald N. and Eleanor L. Friend Scholarship Fund (contd)

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

The Helen C. Freyhof Athletic Scholarship Fund

The Helen C. Freyhof Athletic Scholarship Fund was established May 8, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Helen C. Freyhof (B.S.Ed. '41) of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to supplement the grant-in-aid (scholarship) fund for qualified student-athletes who are members of the women's basketball team at Ohio State.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donor.

The Walter Rudin Pace Setter Junior Scholarship

The Walter Rudin Pace Setter Junior Scholarship was established May 8, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mr. Walter Rudin (B.S.Bus.Adm. '35) of Mt. Vernon, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide the Pace Setter Junior Scholarship and assist with the presentation of other scholarship awards presented at the annual Pace Setter Banquet. The selection of the recipient(s) will be made upon the recommendation of The Pace Setter Selection Committee with final approval by the Dean of the College of Business, in consultation with the University Committee on Student Financial Aid.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Walter Rudin Pace Setter Junior Scholarship (contd)

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donor.

The Maude Taylor Stout Instrumental Music Scholarship Fund

The Maude Taylor Stout Instrumental Music Scholarship Fund was established May 8, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. Whitney B. Stout (Ph.D., Agricultural Economics '30) and Mrs. Maude Taylor Stout (B.S.Soc.Adm. '23) of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Eighty percent (80%) of the annual income is to be used to provide one or more scholarships for academically superior students who are pursuing music degree study in Instrumental Music and/or who may have a need for financial assistance. Recipients will be selected in accordance with procedures established in the School of Music, with final approval of the Director of the School of Music and the Dean of the College of The Arts, in cooperation with the University Committee on Student Financial Aid. The remaining twenty percent (20%) of the annual income is to be added to the principal of the scholarship fund.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

The Thomas E. Leontis Lecture in Modern Greek Studies

The Thomas E. Leontis Lecture in Modern Greek Studies was established May 8, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Thomas E. Leontis of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Thomas E. Leontis Lecture in Modern Greek Studies (contd)

The annual income shall be used to support a lectureship in Modern Greek Studies. The purpose of the lecture fund is two-fold: first, it is to serve as a catalyst in the Modern Greek Studies Program at the University in generating a keener awareness of the importance of Greek history and culture, especially since 1204, and their contribution to solidifying the bonds between Greece and the United States; and secondly, the lecture fund will bring annually to the Ohio State campus a distinguished speaker of national and/or international reputation who will contribute to the cultural growth of the University and community bodies, by offering new ideas and historical and cultural interpretations of important past and current situations. The selection of the lecturer will be made by a committee chaired by the senior staff member of The Ohio State University Modern Greek Studies Program and including (a) the second staff member of the Program, and (b) an individual selected by the committee Chair either from the University faculty involved with the Program or from the Greek Orthodox Community.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donor.

Change in Description of Named Funds

The William M. and Frances Smith Junk Endowed Fund

The William M. and Frances Smith Junk Endowed Fund was established March 5, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from William M. and Frances Smith Junk of Washington Court House, Ohio. The description was changed May 8, 1987.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be awarded to a physically handicapped student enrolled at The Ohio State University and residing at Creative Living, Columbus, Ohio. Recipients will be determined by the University Committee for Student Financial Aid and the University Office for Disability Services. Preference should be given to a student with demonstrated academic ability and with the greatest financial need.

If the Creative Living housing facility should cease to exist, the income may be awarded to any physically handicapped student enrolled at The Ohio State University. Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

The William M. and Frances Smith Junk Endowed Fund (contd)

purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for Student Financial Aid and the Office for Disability Services.

Change of Name and Description of Named Fund

The Frank E. and Harriet E. Hedrick Aviation Student Award Fund

The Frank E. and Harriet E. Hedrick Scholarship Endowment Fund was established November 5, 1982, by the Board of Trustees of The Ohio State University with gifts from Frank E. and Harriet E. Hedrick. By mutual agreement between the Frank E. and Harriet E. Hedrick Foundation and the University's Department of Aviation, the purpose of this fund was changed May 8, 1987, to a student award in Aviation, and the title was revised accordingly.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more awards to students enrolled in the Department of Aviation with proven academic ability and good moral character. In keeping with Frank E. and Harriet E. Hedrick's long interest in involving young persons in flight careers, preference will be given to students beginning an aviation career involving flight. Selection will be made by the Dean of the College of Engineering in cooperation with the Chairperson of the Department of Aviation.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for aviation education.

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Descriptions and Establishment of Funds

The Bank One Chair for Excellence Fund

The Bank One Chair for Excellence Fund was established May 8, 1987, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts from Bank One.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY FOUNDATION (contd)

Approval of Descriptions and Establishment of Funds (contd)

The Bank One Chair for Excellence Fund (contd)

Income will be added to the principal until such time as Bank One recommends how the initial distribution of funds is to be made to The Ohio State University, at which time the chair shall be established. Bank One may recommend that income be distributed to the University rather than reinvested before completion of its pledge commitment. However, the principal may not be invaded.

When determining its recommendation for the initial distribution of income to The Ohio State University (e.g., the first recipient of the Bank One Chair for Excellence), Bank One officials will consult with representatives of the University administration (including, but not limited to, the President and the Vice President for Academic Affairs and Provost) and the Board of Directors of The Ohio State University Foundation. Bank One's recommendation will be based on its assessment of a critical need that exists at the University to attract a renowned individual to the faculty, or to encourage a distinguished member of the current faculty to remain at Ohio State. The most important qualification for the person who will hold the chair will be his or her ability to enhance the excellence of The Ohio State University. The final recommendation will be made to the Vice President for Academic Affairs and Provost, and approved by The Ohio State University Board of Trustees.

The occupant of the chair shall be known as "The Bank One Professor of Excellence." The individual named by the University as the initial holder of the Bank One Chair for Excellence will retain the chair until he or she leaves the faculty. Subsequent holders of the chair will be recommended by the Vice President for Academic Affairs and Provost, in consultation with officials of Bank One.

The William H. Davis Medical Research Center Fund

The William H. Davis Medical Research Center Fund was established May 8, 1987, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts from Dorothy M. Davis, in memory of her husband, William H. Davis, B.S.Bus.Adm. '26.

Income provided by the Foundation shall be used to support the basic and applied clinical research activities, to be undertaken in The William H. Davis Medical Research Center, into the cause, cure and prevention of human illnesses and disorders common during normal aging, such as arteriosclerosis, rheumatoid arthritis, and chronic liver disease. All expenditures of such funds shall have the approval of both the Director of the Division of Immunology and the Dean of the College of Medicine.

The College of Medicine will also be responsible for providing an annual report to Dorothy M. Davis and William C. Davis, during their lifetimes, with regard to all research activity.

May 7 and 8, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY FOUNDATION (contd)

Approval of Descriptions and Establishment of Funds (contd)

The Dorothy M. Davis Chair in Cancer Research Fund

The Dorothy M. Davis Chair in Cancer Research Fund was established May 8, 1987, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts from Dorothy M. Davis.

Income provided by the Foundation shall be used to support The Dorothy M. Davis Chair in Cancer Research Fund. This chair shall be established by The Ohio State University to advance cancer research.

The individual appointed to this chair should have a record of significant achievements in the field of cancer research. Appointment to the Davis Chair in Cancer Research will be recommended by the Dean of the College of Medicine to the Provost and approved by The Ohio State University Board of Trustees.

The College of Medicine will also be responsible for providing an annual report to Dorothy M. Davis and William C. Davis, during their lifetimes, with regard to all research activity.

The John G. and Jeanne B. McCoy Fund

The John G. and Jeanne B. McCoy Fund was established May 8, 1987, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts from John G. and Jeanne B. McCoy.

Income provided by the Foundation shall be divided equally between the President of The Ohio State University and the Dean of The Ohio State University College of Medicine. The use of the funds thus made available to the President and the Dean shall be expended by them without restriction.

Change in Description of Named Chair

The John Deaver Drinko - Baker & Hostetler Chair in Law

The John Deaver Drinko - Baker & Hostetler Chair in Law was established March 7, 1986, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation from John D. Drinko (J.D. '44) and Elizabeth Gibson Drinko of Cleveland, Ohio, the law firm of Baker & Hostetler, Noel F. George (J.D. '32) of Columbus, Ohio, and other partners and associates of Baker & Hostetler. The description was changed May 8, 1987.

Income provided by the Foundation shall be used on a current basis to provide salary and program support for the work of a distinguished teacher and scholar in the College of Law. Appointment to the Drinko -

May 7 and 8, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY FOUNDATION (contd)

Change in Description of Named Chair (contd)

The John Deaver Drinko - Baker & Hostetler
Chair in Law (contd)

Baker & Hostetler Chair will be recommended by the Dean of the College of Law to the Provost and approved by The Ohio State University Board of Trustees.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 87-125

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

JOURNALISM BUILDING RENOVATION

Description: This project involves the renovation of the third floor area into a lecture hall, two general purpose classrooms for the University Classroom Pool, and a television studio for the School of Journalism. Construction is scheduled to begin June 1987 and be completed December 1987.

General Contract

Date Received:	January 13, 1987
No. of Bids:	5
Low Bid:	\$271,028.00*
High Bid:	\$308,635.77*
Estimate of Cost:	\$272,670.00*
Awarded to:	Concept Construction, Columbus, OH

*Recommended alternates reflected in these figures.

May 7 and 8, 1987 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

JOURNALISM BUILDING RENOVATION (contd)

HVAC Contract

Date Received:	January 13, 1987
No. of Bids:	7
Low Bid:	\$ 77,600.00*
High Bid:	\$ 89,810.00*
Estimate of Cost:	\$ 80,269.00*
Awarded to:	J. A. Guy, Inc., Dublin, OH

Electric Contract

Date Received:	March 17, 1987
No. of Bids:	3
Low Bid:	\$104,768.00*
High Bid:	\$121,379.00*
Estimate of Cost:	\$166,986.00*
Awarded to:	States Electric Co., Columbus, OH

Total All Contracts: \$453,396.00*

Total Contingency Allowance: \$ 30,241.79 (which is 7 percent of construction costs)

Total Project Cost: \$550,000.00*

Funding: HB 798, SB 348, HB 870, and University Funds

*Recommended alternates reflected in these figures.

MACQUIGG LABORATORY - CLASSROOM CONSTRUCTION

Description: This project provides for the repair of the slab and the promenade deck at MacQuigg Laboratory and the enclosure of this space for classroom use. Construction is scheduled to begin June 1987 and be completed September 1987.

General Contract

Date Received:	March 3, 1987
No. of Bids:	8

May 7 and 8, 1987 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MACQUIGG LABORATORY - CLASSROOM CONSTRUCTION (contd)

General Contract (contd)

Low Bid:	\$182,313.00*
High Bid:	\$288,150.00*
Estimate of Cost:	\$225,310.00*
Awarded to:	B S Contractors, Inc., Columbus, OH

HVAC Contract

Date Received:	March 3, 1987
No. of Bids:	3
Low Bid:	\$ 31,992.00
High Bid:	\$ 49,690.00
Estimate of Cost:	\$ 35,000.00
Awarded to:	F. J. Hoff Mechanical, Columbus, OH

Electric Contract

Date Received:	March 3, 1987
No. of Bids:	6
Low Bid:	\$ 25,100.00*
High Bid:	\$ 35,730.00*
Estimate of Cost:	\$ 30,250.00*
Awarded to:	Claypool Electric, Inc., Lancaster, OH

Total All Contracts: \$239,405.00*

Total Contingency Allowance: \$ 18,769.94 (which is 8 percent of construction costs)

Total Project Cost: \$296,000.00*

Funding: SB 348 and HB 870

*Recommended alternates reflected in these figures.

May 7 and 8, 1987 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

CLASSROOM IMPROVEMENTS - PHASE IV

Description: This project is a continuation of improving the quality of classrooms and lecture halls assigned to the University's Classroom Pool. This project will improve appearance, acoustics, audio/visual systems, chalkboards, lighting and seating in Smith Laboratory, Evans Laboratory, and Ramseyer Hall. Construction is scheduled to begin June 15, 1987, and be completed in September 1987.

General Contract

Date Received:	March 19, 1987
No. of Bids:	8
Low Bid:	\$113,902.00
High Bid:	\$139,436.00
Estimate of Cost:	\$155,300.00
Awarded to:	B S Contractors, Inc., Columbus, OH

HVAC and Plumbing Contract

Date Received:	March 19, 1987
No. of Bids:	3
Low Bid:	\$ 23,540.00
High Bid:	\$ 23,800.00
Estimate of Cost:	\$ 24,545.00
Awarded to:	Holdridge Mechanical, Inc., New Albany, OH

Electric Contract

Date Received:	March 19, 1987
No. of Bids:	9
Low Bid:	\$ 90,400.00
High Bid:	\$120,800.00
Estimate of Cost:	\$109,225.00
Awarded to:	Electric Power Equipment Corp., Columbus, OH

Total All Contracts: \$227,842.00

Total Contingency Allowance: \$ 15,348.36 (which is 6.7 percent of construction costs)

May 7 and 8, 1987 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CLASSROOM IMPROVEMENTS - PHASE IV (contd)

Total Project Cost: \$315,250.00
Funding: SB 348 and HB 798

ROOF REPLACEMENT - BEEF CENTER AND WILLIAMS HALL
MASONRY REPAIR - WILLIAMS HALL
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Description: This project involves the replacement of deteriorated roofs with complete, watertight systems at the Beef Center and Williams Hall and masonry repair, brick work, and parapet repair at Williams Hall. Construction is scheduled to begin June 1987 and be completed October 1987.

General Contract

Date Received: March 26, 1987
No. of Bids: 7
Low Bid: \$195,737.00
High Bid: \$237,900.00
Estimate of Cost: \$230,796.00
Awarded to: Simon Roof and Sheet Metal, Youngstown, OH
Total All Contracts: \$195,737.00
Total Contingency Allowance: \$ 15,598.26 (which is 8 percent of construction costs)
Total Project Cost: \$217,750.00
Funding: SB 348

ELECTRICAL DISTRIBUTION IMPROVEMENTS - PHASE I
LORD HALL AND STILLMAN HALL

Description: This phase of the project involves the conversion of the 4,160 volt system to a 13,200 volt system to reduce risk of a major power failure. Construction is scheduled to begin June 1987 and be completed December 1987.

Electric Contract

Date Received: April 2, 1987
No. of Bids: 3

May 7 and 8, 1987 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ELECTRICAL DISTRIBUTION IMPROVEMENTS - PHASE I
LORD HALL AND STILLMAN HALL (contd)

Electric Contract (contd)

Low Bid:	\$134,000.00
High Bid:	\$231,800.00
Estimate of Cost:	\$201,000.00
Awarded to:	Buckeye Electric Co., Dayton, OH
Total Electric Contract:	\$134,000.00
Total All Contracts:	\$134,000.00
Total Contingency Allowance:	\$ 10,717.45 (which is 8 percent of construction costs)
Total Project Cost:	\$149,150.00
Funding:	HB 870 U & R

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENT
CITY OF COLUMBUS

Resolution No. 87-126

Synopsis: Authorization to grant an easement to the City of Columbus for installation and improvement of a storm sewer is requested.

WHEREAS the City of Columbus has requested a 15-year easement consisting of a strip of land approximately 4,710 feet in length to install a detention basin 120 feet in width and 1,665 feet in length, a permanent storm sewer 20 feet in width and 2,000 feet in length, and a drainage ditch 80 feet in width and 1,045 feet in length at Don Scott Field; and

WHEREAS Pizzuti Development, Inc., made the necessary improvement and installation for the storm sewer and paid the cost of \$350,000; and

WHEREAS the storm sewer will serve University property and private properties; and

May 7 and 8, 1987 meeting, Board of Trustees

**EASEMENT
CITY OF COLUMBUS (contd)**

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration, on behalf of the Board of Trustees, be authorized to develop and execute the necessary legal documents to provide for this easement.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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NON-SMOKING POLICY

Resolution No. 87-127

Synopsis: A change in the University's non-smoking policy is proposed.

WHEREAS the University's interest in promoting the general health and well-being of its faculty, staff, and students has been well documented and over time has been demonstrated through a multiplicity of health promotion programs; and

WHEREAS in furtherance of this commitment, the University recognizes the need to modify its present smoking policy as set forth in Faculty Rule 3335-13-02 and Trustee Bylaw 3335-1-08(F) in an effort to reduce the level of environmental contaminants produced by smoking; and

WHEREAS in addressing this question the University should seek to accommodate the needs of smokers and non-smokers through the adoption of a comprehensive policy statement; and

WHEREAS the University has received a report from a Committee established to review the University Non-Smoking Policy which solicited opinion and other information from the University community and other comparable institutions on the issue of smoking, which study has been reviewed by University administrative personnel who have made their own independent assessment:

NOW THEREFORE

BE IT RESOLVED, That 3335-1-08(F) of the Bylaws of the Board of Trustees is hereby rescinded and that the non-smoking policy in the form as attached hereto as Appendix A, be adopted effective July 1, 1987 and the policy shall be published in the appropriate section of the Operating Manual; and

BE IT FURTHER RESOLVED, That as a part of the general health promotion programs of the University, a voluntary smoking cessation program for faculty, staff, and students who smoke should be made available.

May 7 and 8, 1987 meeting, Board of Trustees

NON-SMOKING POLICY (contd)

Upon motion of Mr. Teaford, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

APPENDIX A

THE OHIO STATE UNIVERSITY

SUBJECT: NON-SMOKING POLICY

APPLIES TO: UNIVERSITY FACULTY, STAFF, AND STUDENTS

POLICY

The University recognizes the need to create and maintain an environmental quality which sustains and enhances the general health and well-being of its faculty, staff, students, and visitors. As part of a continuing effort to meet its commitment in this area, the Board of Trustees at its May 8, 1987, meeting adopted a policy which establishes new University standards for the creation of a smoke-free environment. Consistent with the spirit and intent of this policy, should irreconcilable conflicts arise between individuals who choose to smoke and those who do not, the rights of non-smokers will prevail.

POLICY GUIDELINES

A. Smoking will not be permitted in any of the following interior areas and such areas will be designated as "No Smoking" areas:

1. Classrooms
2. Auditoriums/conference rooms
3. Laboratories
4. Elevators
5. Theaters
6. Word processing/computer areas
7. Copier rooms
8. Mailrooms
9. Reception areas
10. Open office areas
11. Libraries
12. University Hospitals
13. Areas in which fire and safety hazards exist

May 7 and 8, 1987 meeting, Board of Trustees

APPENDIX A (contd)

14. Any area not specifically designated "Smoking Permitted"

15. Other areas from time-to-time as may be designated

B. Areas which are designated as smoking areas will be clearly marked with "Smoking Permitted" signs. Smoking is also permitted in:

1. Individual offices which are enclosed by floor-to-ceiling walls and doors may be designated as smoking or non-smoking at the request of the individual assigned to the office. When requested by the occupant, the appropriate administrator may designate an individual office as a smoking area provided that there is no conflict with the interior non-smoking areas identified in Policy Guidelines A1 through A15.

2. Dining Halls may be designated smoking or non-smoking in whole or in part as determined by appropriate administrative officials. As a general principle, residence halls and University apartments are considered private living spaces where smoking decisions are made by the occupants.

C. Coordinative Responsibility

1. Vice presidents, deans, chairpersons, administrative officials and supervisors are generally responsible for the implementation and enforcement of the smoking policy. It is hoped, in light of the health issues involved, that most people will comply with this policy out of self-interest and concern for others. However, complaints or concerns regarding this policy or disputes regarding its implementation should be referred to the immediate administrator/supervisor for resolution.

2. College/department administrative officials should make every effort to assure that this policy is communicated to everyone within their jurisdiction and to all new members of the University community.

3. College/department administrative officials should also assure that appropriate signs are posted.

4. Requests for exception to this policy and/or complaints which cannot be resolved at the unit/department or college level should be referred to the Office of Personnel Services.

D. Sale of Cigarettes in University Buildings

The sale of cigarettes or other tobacco products in campus buildings/facilities shall be prohibited after three years from the date of adoption of this policy.

E. Smoking Cessation Program

The University will offer a smoking-cessation program for faculty and staff as well as students. A nominal charge will be assessed participants to help defray the cost of materials used. The University Faculty and Staff Assistance Program will serve as a

May 7 and 8, 1987 meeting, Board of Trustees

APPENDIX A (contd)

resource for inquiries and provide information relative to smoking cessation programs.

F. Policy Review

It is recommended that this policy be reviewed carefully by University administration for several years to determine its effectiveness.

This policy relies on thoughtfulness, consideration and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the University community to observe this policy and these policy guidelines and to direct those who choose to smoke to designated "Smoking Permitted" areas.

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President Jennings made the following statement:

Mr. Chairman, in keeping with the normal budget cycle for the University, it is my responsibility to report to you our budget plans for next year at this meeting, so that a resolution on budget guidelines can be brought before this Board in June for the fiscal year beginning July 1, 1987. Because the General Assembly is still deliberating on the state budget for higher education, the institutional budget and tuition guidelines I am outlining here today must be considered tentative.

One thing of which we are certain, however, is that the budget actions to date regarding state support for higher education are less than adequate. The proposals we have seen thus far from the state will not allow us to continue to enhance excellence in the context of the important land-grant principle of accessibility.

Let me briefly place the current budget proposals in historical perspective. With the bi-partisan support of the Governor and the General Assembly, higher education has made substantial strides in the previous and the current biennia.

In particular, major progress has been made in reducing the average share of a student's educational costs paid for through tuition, from a high of 47 percent in 1982 to 36 percent today. There was, indeed, a consensus in state government that every effort should be made to achieve a student share at the national average of 33 percent in the future. Although we had not yet reached this goal, our progress has made quality higher education more affordable for Ohioans.

Now, unfortunately, the progress that we have made in recent years is being threatened by inadequate budgetary recommendations for higher education for the next biennium. The Executive Budget would increase the share of the cost of education paid by tuition from 36 percent to 42 percent, and would require average tuition increases of 31 percent for the next academic year.

May 7 and 8, 1987 meeting, Board of Trustees

President Jennings: (contd)

Such an increase would place a heavy burden on students and their families. But just as importantly, it would begin to move public higher education away from the land-grant principle of accessibility. Broad access is critical to our mission at Ohio State. And it is a shared responsibility of this University and of all the citizens of Ohio.

Let me outline the problem in other terms. Under the Executive Budget, Ohio State was presented with a budget deficit -- which we are expected to make up through a 31 percent tuition increase -- of \$61 million. I would point out that that \$61 million is an extremely large shortfall. It is enormously difficult to recoup dollars on that scale internally without reductions in quality.

This University has continually recognized its obligations to reduce costs and accept fiscal responsibility for efficient and effective operations. This has been re-emphasized in our new institutional efforts on cost containment tied to the bonus program. With this activity, we had hoped to generate several million dollars in new internal funds to further enhance academic and support service programs at Ohio State. But now it appears that, in order to keep tuition as low as possible, the cost containment dollars must be used to make up shortages in the state budget.

I do want to note that the Ohio House of Representatives improved upon the Executive Budget recommendations for the instructional subsidy. We appreciate this effort in the House. The action enables us to further reduce our tuition increase.

With the \$24 million we will generate internally through cost containment, and the \$7.7 million enhancement to the instructional subsidy by the House, we are able to reduce Ohio State's tuition increase to less than half of the 31 percent assumed in the Executive Budget. If no further changes are made to the higher education budget by the Senate and the Conference Committee, I expect to reluctantly recommend tuition increases, effective Autumn Quarter for the 1987-88 academic year, that will average 14 percent.

This is, of course, still far too high an increase for a land-grant University committed to the principle of broad accessibility. The state budget currently is before the Ohio Senate, and I am very pleased to report that the Senate leadership has stated publicly that higher education will be its top priority in the next biennium -- just as it was in the current biennium. We are now looking to the Senate for further improvements in the higher education budget.

As we await their forthcoming recommendations, I want to reiterate the fundamental importance of the principle of accessibility at Ohio State. Therefore, I am today committing Ohio State to reduce our proposed tuition increase of 14 percent in proportion to the General Assembly's further additions to the instructional subsidy. Our target is to reduce the necessary

May 7 and 8, 1987 meeting, Board of Trustees

President Jennings: (contd)

tuition increases to no more than inflationary levels, some five percent per year. This could be achieved with an additional state appropriation of \$143 million for higher education as a whole.

In line with our policy of considering all costs for students, it is my further intention that the increases in all other charges of the institution will average five percent next year. This includes residence and dining halls, parking, special event tickets, bookstore rates, Hospitals rates and all other fees assessed by the University.

In allocating funds within the institution, our first priority will be providing sufficient funding for student financial aid to ensure that we maintain the purchasing power of our grants to students with demonstrated need. We also will provide funds so that students newly eligible for aid due to the increase in tuition will receive the assistance they need.

In addition, I expect to recommend salary increases for all faculty and staff members -- except those covered under collective bargaining agreements -- of two percent across-the-board, with three percent provided to fund merit increases.

These salary recommendations, however, are less than is necessary to maintain our competitive position among other major research universities. As we continue to pursue the best available faculty and staff from around the nation and to maintain our leadership in higher education, I additionally will recommend a centrally available salary pool of \$3 million to fund necessary equity and excellence adjustments where appropriate throughout the institution.

Within the colleges and administrative units, I anticipate recommending increases of three percent per year in equipment and supplies budgets.

There is one additional issue that needs to be addressed in the context of this University's budget expectations from the State of Ohio. We all recognize that the state faces a tight budget situation for the coming biennium. But I believe it is inappropriate to put such an enormous share of the burden of the state's revenue shortfall on our students and all of Ohio's institutions of higher education.

We have done more than our share in earlier times during true economic stringency, and we have had to cut our costs year after year at Ohio State. Our operating costs already are well below the average for universities across the nation. This has been achieved even as our quality continues to grow. But without a continued commitment from the state to our excellence, the prospects for maintaining our enviable record grow dimmer.

My role in the State of Ohio budget process is to articulate the needs of The Ohio State University, as part of the Ohio higher

May 7 and 8, 1987 meeting, Board of Trustees

President Jennings: (contd)

education community. When I express those needs -- such as the \$143 million figure that I have mentioned today -- I also am often asked, and reasonably so, just where this additional funding from higher education might be found.

Clearly, the choices facing our elected state officials are not easy, as they seek ways to meet all of the State of Ohio's budgetary needs. But to maintain the progress on economic redevelopment that we have made in recent years, and to guarantee the citizens of Ohio excellence and accessibility in higher education, some difficult choices must be made.

It is indeed troubling that, in times of relative economic prosperity, Ohio is faced with serious revenue shortfalls. When we consider what a dwindling resource base could mean in even a minor recession in future years, the implications are clearly ominous. Yet the state is currently implementing further reductions in its resource base under the return of the federal tax reform "windfall."

If we are to maintain fiscal stability and renew the state's potential to generate economic growth over the long-term, and at the same time retain the current income tax rates -- which, I should point-out, are lower today than they were in 1982 -- this windfall return is clearly less than wise and, indeed, is simply not affordable for Ohio at the present time.

It is my hope that the Governor and the General Assembly will take the strong bi-partisan leadership position that the state needs to make provisions for Ohio's long-term needs. A fair share of an adequate state budget needs to be committed to excellence and accessibility in higher education -- the fundamental resource for Ohio's future prosperity.

Thank you, Mr. Chairman, that completes my agenda.

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EXPRESSION OF APPRECIATION TO BRIAN K. HICKS

Resolution No. 87-128

WHEREAS Brian K. Hicks has served as President of the Undergraduate Student Government during the past year; and

WHEREAS he has carried out his assignment in a truly outstanding and exemplary manner; and

WHEREAS his leadership in representing the interest of students has been positive in nature as has been his communication with both the Board of Trustees and the Administration; and

WHEREAS his public statements, including his remarks on behalf of students, at Woody Hayes' memorial service have consistently been well thoughtout, concise, and fitting for the occasions; and

May 7 and 8, 1987 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO BRIAN K. HICKS (contd)

WHEREAS Brian's resolve, dedication, and support of this University has been evidenced in innumerable ways over the past year:

NOW THEREFORE

BE IT RESOLVED, That this Board expresses to Brian K. Hicks its sincere appreciation and gratitude for a job well done and conveys to him and his lovely wife, Kathlene, its best wishes for their happiness, good health, and success in the future.

Upon motion of Mr. Teaford, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 87-129

RESOLVED, That the report on the University's Investment Portfolio, dated April 17, 1987, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**THIRD QUARTER REPORT -
1986-87 CURRENT FUNDS BUDGET**

Resolution No. 87-130

RESOLVED, That the third quarter report on the 1986-87 Current Funds Budget, dated May 8, 1987, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Mr. Galbreath made the following statement:

I want to say, I appreciate the support that you have all given me and particularly our whole Board this year. It has been a lot of fun and a great privilege. I wish you the very best as you continue your deliberations with this great University that we have. Board adjourned.

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Thereupon the Board adjourned to meet Thursday, June 4, 1987, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

Daniel M. Galbreath
Chairman

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APPENDIX IV
Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION
June 12, 1987

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Commencement Speaker

Robert L. Clodius

Robert L. Clodius has been president of the National Association of State Universities and Land-Grant Colleges since November 1978. The association represents 145 of the nation's major, comprehensive public universities that enroll approximately 30 percent of all college students in the nation and graduate almost two-thirds of all Ph.D. recipients.

Dr. Clodius served 28 years as a faculty member and administrator at the University of Wisconsin-Madison, where he was an associate dean of the graduate school, chairperson of the agricultural economics department, acting provost, academic vice president, executive vice president, and acting president. After his distinguished administrative service, the Regents created a special chair, Professor of the University, to which Clodius was named.

Born in Walla Walla, Washington, Dr. Clodius attended Whitman College, graduated from the University of California at Berkeley in 1942, and was elected to Phi Beta Kappa. During World War II, Dr. Clodius served in the United States Navy. After the war, he returned to the University of California, receiving his Ph.D. degree in agricultural economics in 1950. Whitman College honored him with an honorary Doctor of Laws degree in 1970.

Having traveled extensively in East and West Africa, South America, and Southeast Asia, Dr. Clodius had consulted with governments and agencies here and overseas, including the U.S. Department of State and Department of Agriculture, the Ford Foundation, the Rockefeller Foundation, the University of East Africa, and the Government of Sierra Leone. He has served on many boards in higher education and currently is an advisory commissioner to the Education Commission of the States and chairperson of the advisory committee for the National Center on Agricultural Policy at Resources for the Future.

As author and former editor of the *Journal of Farm Economics*, Dr. Clodius is widely recognized for his work in agricultural policy and economics and in higher education administration. We are delighted to welcome this distinguished member of the higher education community to our campus today to speak at the 300th Commencement of The Ohio State University.

Recipients of Honors

Pavle Ivić

Doctor of Humane Letters

Academician Pavle Ivić, Professor Emeritus from the University of Belgrade, is the most distinguished Yugoslav linguist and the world's foremost scholar in the study of Serbo-Croatian dialects. He is recognized as one of the world's leading authorities in Slavic linguistics and has been instrumental in the development of South Slavic studies in the United States.

A member of the Serbian Academy of Sciences and Arts, Professor Ivić was born in Belgrade, Yugoslavia, graduated from the University of Belgrade in 1949, and received his Ph.D. there in 1954. He has served as a visiting professor at a number of American universities, including Columbia University, the University of Michigan, and The Ohio State University. Ivić has lectured at over forty institutes, universities, and academies around the world.

President of the Linguistic Society of Europe, Professor Ivić also is a member of the American Academy of Arts and Sciences, the royal Norwegian Academy, the Permanent International Congress of Linguists, and an honorary member of the Linguistic Society of America.

As a renowned teacher, he is revered by his colleagues and students for his generosity and his intellectual honesty. Professor Ivić has played a significant role in training a whole generation of Yugoslav linguists not only through his teaching, but through the numerous articles and books he has written.

The Ohio State University is proud to recognize this distinguished scholar and teacher for his outstanding contributions to the study of Serbo-Croatian linguistics by conferring upon him the honorary degree, Doctor of Humane Letters.

Recipients of Honors

President's 300th Commencement Award Recipients

Dean T. Allemang, of Columbus, was Ohio State's first Marshall Scholar and is currently working toward a doctorate in computer science as a National Science Foundation Fellow. He received his B.S. degree in mathematics in 1982, and his M.S. degree in computer and information science in 1985.

Donna M. Alvarado is the director of ACTION, a federal anti-poverty volunteer agency in Washington, D.C. She received her B.A. degree in Spanish in 1969, and an M.A. degree in Romance Languages and Literatures in 1970.

Susan E. Alvarado is vice president of E. Bruce Harrison Corporation in Washington, D.C. and is a former congressional liaison for Vice President George Bush. She received her B.A. degree in political science in 1975.

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Allaire Crook Shaw, Columbus; B.A.
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Education

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Breck Anthony Southard, Columbus;
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- John Andrew Martino**, Powell; B.S.Bus.Adm. (Miami University); *Business Administration*
- Lianne Gail Maso de Moya**, Albany, GA; B.A., B.B.A. (Albany State College); *Business Administration*
- Thomas James Mason**, Bexley; B.S.I.S.E.; *Business Administration*
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- Frederick Emile Moacdieh**, Bryn Mawr, PA; B.A. (Anderson College); *Business Administration*
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- Kevin Paul Nestor**, New London; B.S. (United States Military Academy); *Business Administration*
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- Janet Elaine Reiniger**, Worthington; B.B.A. (University of Georgia); *Business Administration*
- Richard Leigh Rinehart**, Columbus; B.S.Bus.Adm.; *Business Administration*
- Tara Ellen Robison**, Genoa; B.S.Bus.Adm.; *Business Administration*
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- Cheryl A. Roller**, Columbus; B.S. (Mount Union College); M.P.A.; *Business Administration*
- Tarn Martin Rosenbaum**, Columbus; B.A. (University of Virginia); *Business Administration*
- Karen Sprehe Ruckman**, Columbus; B.S., M.S. (University of Illinois); *Business Administration*
- Karen Marie Rugani**, Waynesburg; Cert.Grad.Dent.Hyg., B.A.; *Business Administration*
- Rebecca Lynn Sampson**, Traverse City, MI; B.Bus.Adm. (Franklin University); *Business Administration*
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- Jeffery Alan Schaeper**, Pickerington; B.A., B.S.Bus.Adm.; *Business Administration*
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- Woo-Seok Seong**, Seoul, South Korea; B.B.A. (Yonsei University); *Business Administration*
- Christopher John Snyder**, Grand Blanc, MI; B.S. (Central Michigan University); *Business Administration*
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- Peter Fook-Seong Tam**, Kuala Lumpur, Malaysia; B.S.Bus.Adm.; *Business Administration*
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- Donda Foran Thomasson**, West Carrollton; A.A., B.S. (University of Arizona, Pima Community College); *Business Administration*
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Master of City and Regional Planning

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Fay Rekos Tzemos, Samos, Greece; B.S.; *City and Regional Planning*

Master of Fine Arts

Barbara Suzanne Banta, Columbus; B.F.A. (Marlboro College); *Theatre*

Richard Ernest Dunham III, Quarryville, PA; B.A. (Millersville University of Pennsylvania); *Theatre*

Cynthia Diane Lammel, New Wilmington, PA; B.A. (Westminster College); *Theatre*

Carolyn Joanne Mapes, Naples, FL; B.A. (Rollins College); *Theatre*

Robert Eugene Moore, Jr., Cascade, CO; B.A. (Black Hills State College); *Theatre*

Helen Murray, King of Prussia, PA; B.F.A. (Stephens College); *Theatre*

Todd William Neal, Indianapolis, IN; B.S. (Northern Michigan University); *Theatre*

James Anthony Rubino, Columbus; B.A., B.F.A., M.A., Ph.D.; *Art*

Karen Frey Snouffer, Westerville; B.S.Ed.; *Art*

Julia Halyburton Suits, Columbus; B.F.A. (Beloit College); *Art*

Kevin James Tanguay-Conlon, Mobile, AL; B.F.A. (The University of South Alabama); *Art*

Master of Health Administration

Abdullah Ahmed Al-Aamer, Riyadh, Saudi Arabia; B.S. Public Admin. (Northern Arizona University); *Hospital and Health Services Administration*

Brian D. Armstrong, Columbus; B.S. (Western Michigan University); *Hospital and Health Services Administration*

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Patricia Anne Boughner, Mingo Junction; B.A. (Miami University); *Hospital and Health Services Administration*

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Mark Thomas Rizzutti, Urbana; B.A., M.P.A.; *Hospital and Health Services Administration*

William David Woolverton, Niles, MI; B.S. (Purdue University); *Hospital and Health Services Administration*

Kathleen Louise Zid, Powell; B.A. (Miami University); *Hospital and Health Services Administration*

Master of Labor and Human Resources

Jennifer Dworkin, Cleveland; B.A. (Wellesley College); *Labor and Human Resources*

Fred Charles Esmont, Columbus; B.S. Bus. Adm.; *Labor and Human Resources*

Robert Christopher Granger, Cincinnati; B.S. (University of Cincinnati); *Labor and Human Resources*

Aurelia Debpuur Kubayanda, Ghana; B.A. (University of Ghana); M.A. (Washington University); *Labor and Human Resources*

Egdilio J. Morales, Cleveland; B.A. (Xavier University); M.P.A.; *Labor and Human Resources*

Vicki Darlene Treciak, Findlay; B.S. (Ball State University); *Labor and Human Resources*

Marilyn Kaye Trefz, Waldo; B.S.H.E.; *Labor and Human Resources*

Robert William Windle, La Puente, CA; B.S. (Saint John's University); *Labor and Human Resources*

Master of Landscape Architecture

Elsa Johnson LeFaiver, Cleveland; B.A. (Bowling Green State University); *Landscape Architecture*

Gi Chul Yi, Pusan, South Korea; B.Agr., M.Agr. (Kyungpook National University); *Landscape Architecture*

Master of Liberal Studies

Stafford Carter Noble, Columbus; B.A. (Amherst College); *Liberal Studies*

Master of Music

Pavana T. Baird, New Castle, PA; B.Mus. (Clarion University of Pennsylvania); *Music*

Stephen Douglas Bobst, Portsmouth; A.B. (Asbury College); *Music*

Harold Edward Brokaw, Columbus; B.Mus. (Arizona State University); *Music*

John Thomas MacKay III, Norton; B.Mus.Ed., B.Mus. (University of Akron); *Music*

Gregory Raymond Sundt, Columbus; B.Mus. (Wayne State University); *Music*

Master of Public Administration

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Master of Science

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Muhammad Maher Al-Rijleh, Damascus, Syrian Arab Republic; B.S.; *Civil Engineering*

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Lisa Louise Morris, Columbia, MO; B.S. (Southwest Missouri State University); *Social Work*

Pauline Mary Myers, Dublin; B.S.Ed.; *Social Work*

Miriam Ann Naples, Akron; B.S. (University of Akron); *Social Work*

Mary Kathryn Nelson, Columbus; B.A. (Miami University); *Social Work*

Carol Ann Neustadt, Columbus; B.S.Soc.Wel.; *Social Work*

Elizabeth Ann Nofziger, Columbus; B.A. (Goshen College); *Social Work*

Kathryn Maureen O'Connor, Worthington; B.S.W. (Capital University); *Social Work*

Virginia D. Olff, Columbus; B.A. (Kent State University); *Social Work*

Katherine Suzanne Orr, Sylvania; B.A. (Miami University); *Social Work*

Yvonne Denise Pearson, Columbus; B.A.; *Social Work*

Philomena Michael Piper, Granville; B.A. (Denison University); *Social Work*

Therese Ann Plavac, Willoughby Hills; B.S.Soc.Wel.; *Social Work*

Rachel Agnes Pousson, San Antonio, TX; B.A. (Saint Mary's University); *Social Work*

Elizabeth Ann Pringle, Meridian, MS; B.S.W. (Jackson State University); *Social Work*

Jean Burr Rankin, Millersport; B.S.Soc.Wel.; *Social Work*

Bernadette Therese Reed, Northfield; B.S. (Ohio Dominican College); *Social Work*

Sandra Gail Reed, Kent; B.A.S.W. (University of Akron); *Social Work*

Susan Elaine Reeves, Columbus; B.A. (Otterbein College); *Social Work*

Sean Patrick Reilly, Columbus; B.S.Soc.Wel.; *Social Work*

Leigh Ann Robinson, Mansfield; B.S.Soc.Wel.; *Social Work*

Roberta Mary Rodenbucher, Mogadore; B.S.W. (The University of Akron); *Social Work*

Valerie Ann Rogers, Ocean City, NJ; B.A. (Catholic University); *Social Work*

Mindy Jill Rose, Captain Cook, HI; B.A. (Vassar College); *Social Work*

Rona Rosen, Columbus; B.A. (State University of New York, Binghamton); M.F.A. (University of Wisconsin); *Social Work*

Nancy Faye Shannon, Boardman; B.S. (Defiance College); *Social Work*

Stuart Jay Shields, Columbus; B.S. (Tennessee State University); *Social Work*

Georgene Eva Sideropolis, Warren; B.S. (Bowling Green State University); *Social Work*

Thomas Kevin Singer, Columbus; B.A. (Bowling Green State University); *Social Work*

Sharon Lee Smith, Cincinnati; B.A.; *Social Work*

Rebecca Lynn Spies, Dover; B.S.Soc.Wel.; *Social Work*

Judy Ratliff Stansbury, Granville; A.A., B.A.; *Social Work*

Lori Anne Steinbrunner, Anderson, IN; B.A. (Miami University); *Social Work*

Brenda Joy Stone, Mogadore; *Social Work*

Jane Marie Straits, Millersburg; B.S.Soc.Wel.; *Social Work*

Judith Lynn Streng, Sandusky; B.S. (Bowling Green State University); *Social Work*

Phyllis Farmer Thompson, Dayton; B.A. (Grove City College); *Social Work*

Lois Jean Tyler, Columbus; B.S.Soc.Wel.; *Social Work*

Marcia Muriel Viana, Youngstown; B.A. (Youngstown State University); *Social Work*

Jo Ann Ward, Lancaster; B.A.S.W. (Ohio University); *Social Work*

Cathleen Lynn Wardlow, Bedford Heights; B.A. (University of Akron); *Social Work*

Katharine Elizabeth Wehe, Reynoldsburg; B.S.W. (Capital University); *Social Work*

Sarah Wilson Weideman, Ottawa; B.S.W. (Bowling Green State University); *Social Work*

Rebecca Jane Wilds, Columbus; B.A. (Otterbein College); *Social Work*

Alexis Wilson-Glenn, Ashley; B.A. (Capital University); *Social Work*

Michael Edward Witzky, Columbus; B.S.Soc.Wel.; *Social Work*

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
Joan Huber

Dean for Undergraduate Studies:
Thomas A. Wilkie

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of the Arts
College of the Biological Sciences
College of the Humanities
College of the Mathematical and Physical Sciences
College of the Social and Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Kevan Paul Asadorian, Chagrin Falls
David Lee Bair, North Royalton
Josef Luis Banks, Columbus
Diane Elizabeth Bateman, Collegeville, PA
Kevin Lee Brenneman, Englewood
ElizaBeth Anne Cloutier, Powell
Charles Walter Dunster, Columbus
Denise Frazee, Athens
Scott Robert Hahn, Bellevue
Robert Eugene Hipp, Lebanon
Jeffrey Patrick Ingram, Tallmadge
Bruce C. Mackie, Columbus
Tina Marie Overly-Tanski, Columbus
Janet Marie Puhalla, Austintown
Delita E. Raisbeck, Worthington
Carole Diane Richter, South Euclid
Karen Louise Scholtz, Chagrin Falls
Eric John Sweistad, Columbus
Angela Stella Vivo, Youngstown

Bachelor of Fine Arts

William Todd Abele, Westerville
Dana Katharine Anderson, Akron
Joan U. Ball, Worthington
Michele Therese Bertone, Painesville
Myra Bojanic, Columbus
Kathleen Ann Brown, Cincinnati
Walter Philipp Burbach, Mansfield
Andrew Barton Campbell, Columbus
Carol Contiguglia Carver, Novelty
Kelly Aileen Cica, Lakewood
Dorothy E. Cook, Lima
Monica Mary D'Agostino, Corte Madera, CA
Joseph Lee Daniels, Galena
Chris Alan DiGiacomo, Canton

David Timothy Driscoll, Wintersville
Kenneth Edward Eyerman, Orient
Luis Arnaldo Figueroa, San Juan, PR
Marilyn Sue Flanagan, Mansfield
Camela Marie Furry, Kettering
Todd Eugene Gantzler, Crestline
Russell Hand III, Columbus
Timothy Craig Jennings, Bellefontaine
Andrea Lynn Johnson, Mansfield
Barry Edward Johnson, Columbus
Meriellen Johnson, Cincinnati
Stephanie Jump, Kettering
Laura Lynn Juzenas, North Olmsted
Emily Jane Karaffa, Granville
Laura Ann Kazsmer, Mentor
Christopher Allen King, Cincinnati
Kathy Lou Leach, Columbus
Athanasios Maggioros, Athens, Greece
Evan Alan Maxwell, Columbus
Leslieann McCord, Kettering
Patricia Jean Monaghan, Toledo
Maria Margaret Musso, Brook Park
Elizabeth Ann Noles, Columbus
Janet Ann Otis, Columbus
Nimisha Nalin Patel, Columbus
Katrina Ann Raitch, Mansfield
Cheryl Ann Rave, Cincinnati
Laura Ann Reichard, New Albany
Georgeanne Marie Rice, Westerville
David Curtis Ryan, Clifton Park, NY
John Jefferson Schiff III, Cincinnati
Martina Maria Shenal, New Washington
Marla Lynne Sucharetza, Avon Lake
Nancy Anne Sullivan, Columbus
Margaret Elizabeth Terrell, Columbus
Christopher Alan Tewell, Marion
Lana Sharon Thorman, Beachwood
Alex Valdez Trevino, San Antonio, TX
Christine Anne Verleny, Cuyahoga Falls
Molly Ann Watson, Caldwell
Joan M. Webster, Tiffin
Alan Fredrick Wheeler, Reynoldsburg

Bachelor of Music

Jennifer Kay Allison, Mason
Mark Andrew Baker, Grove City
Robert Eric Bauerle, Radnor
Eric Neil Delson, Mayfield Heights
Jeanie Kathryn Lee, Sylvania
Sandra Kay Lunte, Lakewood
Susan Adele Shipman, Worthington
Elizabeth Ann Welsch, Sugarcreek

Bachelor of Art Education¹

Brent Alden Bartmess, New Albany
Jason Mitchell Janoski, Columbus
Mary Elizabeth McCarthy, Hudson
Janet Ann Otis, Columbus
Mark Anthony Skipper, Columbus

Bachelor of Art Education¹

Jodi Lynne Davidson, Westerville
Beth Ann Dixon, Gahanna
Patricia Marie Emigh, Gahanna
Susan Kathleen Heffner, West Milton
Carol Sue Kape, Columbus
Stefanie Annette Myers, Troy
Edward Brian Schwab, Holgate
Melissa Elaine Waid, Warren

Bachelor of Music Education¹

Jennifer Kay Allison, Mason
Ralph Lawrence Buening, Columbus
Craig Thomas Clemens, Mingo Junction
Shari Rene Dershem, Marietta
Patrick Francis Dowling, Strongsville
John Richard Evans, Utica
Terren Lee Frenz II, Alliance
John Allen Fuller, Columbus
Holly Ann Gerken, Columbus
Cecilia Lee Choo Lee, Columbus
Hsueh-Ni Lee, Singapore
Carla Denise Leonard, Pickerington
Cathy Lynn Read, Alliance
Christina Ann Regule, Hermitage, PA
Rita Storm Sanzi, Port Jefferson Station, NY
Todd Whitman Seymour, Sylvania
Scott Michael Shaw, Chesterland
Mark Douglas Smith, Galloway
Eric James Strouse, Columbus
Gerald Edward Textor, Dayton

Bachelor of Science in Audio Recording

Catherine A. Baumgartner, Columbus
Timothy Scott Boysel, Rushsylvania
Kurt Randall Brown, Lexington, KY
Antonia Marie Eviston, Columbus
Mark Robert Hartzell, North Royalton
Shawn Francis McLean, Gibsonia, PA

Bachelor of Science in Industrial Design

Victoria Susan Bailey, Alexandria, VA
Mark David Bartlett, Mansfield
Vincenzo Boccardi, Fairview Park
Jasna Lorraine Bosiljevic, Bratenahl
Kimberly Ann Carrera, Canfield
Donald Scott Cavin, Livonia, MI
Scott K. Crider, Marion
Michael Edward Crist, Huber Heights
Steven Thomas Davidson, Pemberville
Susan Lynne DeWitt, Columbus
Karen Estep-Beckett, Columbus
Ronald Joseph Frissora, Columbus
John Aloysius Galvin, Madison
Mark Anthony Gilbertson, Detroit Lakes, MN

¹Offered by the College of the Arts and the College of Education

Grace Alice Greczanik, Wadsworth
Paul Charles Henninge, Worthington
Timothy Paul Hersher, Granville
Suzanne Kay Hoag, Columbus
Drew William Holland, Delaware
Matthew Shawn Holloway, Marion
Scott Donald Hultzman, Medina
Paul Joseph Johanni, Westlake
Timothy Allan Karl, New Philadelphia
Patricia Elizabeth Kelly, Columbus
R. Michael Layton, Columbus
Robert William Lhota, Canton
Craig Leroy Markin, Columbus
Susan Beth McNulty, Cincinnati
Kevin Michael Meyers, Fairborn
Kimberly Ann Nervig, Berea
David I. Nordholt, Columbus
Denise Anne Pickering, Mentor
Hillary J.N. Radbill, Columbus
Robyn Sue Ramseyer, Millersburg
Cynthia Elaine Smith, Columbus
Diana Lynn Steinbach, Mayville, NY
Sarah Lynn Stibbe, Sylvania
Kevin Richard Striker, Alpena, MI
Michael Ernest Touchette, Dayton
Heidi Lynn VanBenthuyssen, Columbus
Krina K. Walsh, Columbus
Carol Walling Wand, Berkeley, CA

College of Biological Sciences

Dean: William A. Jensen

Bachelor of Arts

Hector Antonio Caballero, Caguas, PR
Joel Michael Hatch, Vallejo, CA
Laura Staker Hipps, Mansfield
Eric Elden Hoffman, West Liberty
Ann Margaret McEvoy, Cincinnati
Kurt Thomas Metzler, Delaware
Michelle Creamer Pristic, Copley

Bachelor of Science

Robert Dean Acton, Springfield
Wendy Jean Andrews, Newark
Angela Jane Barrett, Chillicothe
Munish Kumar Batra, Maple Heights
Kenneth Alan Beckman, Columbus
David Richard Behringer, Defiance
Jaime Anita Berry, Columbus
George Martin Blake, Fairborn
Michael Todd Boggs, Orrville
Linda Yvonne Brent, Columbus
Florence Wandor Burianek, Columbus
Laura Lynn Burton, Cincinnati
Mehmet Akin Cabi, Warren
Brian Gary Cole, Mt. Blanchard
Pamela Jane Craig, Coal Grove
Jeffery Robert Cromwell, Greenville
Richard Kyle Cross, Columbus
Roger Leroy Daniels, Pickerington
Carrie Marie Delmoro, Medina
Louis Steven DeLuca, Mayfield Heights
Gregory Lewis Denison, Kettering

Kent Bryan Detweiler, Marion
Michael Lee Dickens, Dover
Lisa Ann Drake, Warren
Rosita M. Dunfee, The Plains
Gregory Mark Eberhart, West Jefferson
Jon Erwynn Edmondson, Baltimore, MD
Steven Lewis Elieff, Perrysburg
John Stuart Engelhardt, Cincinnati
Daniel Bernard Erlanger, Canton
Brian Marvin Evans, Manchester
Sarah Anne Ewashinka, Rocky River
Farzad Firouzian, Tehran, Iran
P. Jérémie Folger, Cincinnati
Charles Kevin Geedey, Columbus
Sabrina Eileen Glenn, Youngstown
Charles Michael Goddard II, North
Canton
James Michael Gossard, Dublin
James Arthur Goudy II, Mt. Vernon
Laura Ann Greenawalt, Milton, WV
Stephen Nicholas Hainen, Worthington
Andrea Joy Hart, South Euclid
Diane Susan Heien, Athens
Karen Elizabeth Hill, Columbus
Stefani Jo Hines, Orient
Ann Marie Hipsley, Wellsville
Brenda Sue Holland, Painesville
Joan Anne Kaprally, Warren
Wendy Lee Kendrick, Massillon
Debra Jeanne Kern, Parma
Elizabeth Ann Kleinhenz, Lakewood
Joel Andrew Kreps, Wooster
Laura Ann Krietemeyer, Fort Jennings
Thomas Joseph Leano, North Ridgeville
Diana Carole Lee, Pickerington
Lyle Stewart Lowry, Grove City
Robert Francis Madej, Poland
Douglas Michael Magorien, Woodsfield
Paul Anthony Mancuso, Warren
Robert Edward Marsico, Jr., Silver Lake
Jennifer Lynn Martin, Port Clinton
Michael Allen Martin, Mentor
Michael Edward Martin, Portsmouth
Mark John Matyazic, Aurora
Kevin James May, Hanoverton
Robin Elizabeth McBride, Cincinnati
Mark Steven McClain, Country Club
Hills, IL
Gwendolyn Kay Minich, Fremont
Paul J. Minnillo, Jr., Elyria
Jaybalan R. Moodley, Marion
Kevin John Moore, Rootstown
John David Morgan, Akron
Susan Lynette Morrow, South Charleston
Scott Arthur Mugge, Kettering
Brian Scott Myers, Simsbury, CT
David Gerard Myszka, Tallmadge
John Cabell Nowery, Stockport
Catherine Jo Oatman, Olmsted Falls
Paolo Daniel Olcese, Scarsdale, NY
Christopher Michael Orabella,
Mayfield Heights
Kevin James Pascoe, Hudson
Laura Chinglan Peng, Columbus
Brian Keith Pikul, Garfield Heights
Catherine Diane Porter, Chagrin Falls
Edward Kevin Renshler, Columbus
Denise Annette Richey, Centerville
Sheila Ann Rockenfelder, Ashland

Bradley Dean Rosen, Columbus
Kelly Diane Ross, Macedonia
Thomas Anthony Rossi, Warren
Webster Todd Schooley, Columbus
Gregory Todd Schulte, Dublin
Janet Louise Selby, Newark
Pamala Anne Senger, Miamisburg
Rebecca Ruth Shepard, Portville, NY
Upinder Singh, Columbus
Howard Evan Skolnick, Beachwood
Pamela June Snyder, Lake Milton
Kelli Lee Steele, Wheelersburg
Scott Alan Timmerman, Wapakoneta
Kristin Ann Vanecko, Gahanna
Michael Joseph Vollman, Cincinnati
Lisa Dawn Wade, Delaware
Pamela Susan Walker, Upper Arlington
Brian Jay Walsh, Gahanna
Kevin Vaughn Ware, Upper Arlington
Lauri A. Wast, Maumee
Douglas Sheridan Weaver, Canfield
Darryl Neal Willett, Upper Arlington
Bret Alan Wing, Hendersonville, NC
Cynthia Ann Wolock, Gahanna
Mark Gerard Wuest, Cincinnati
Tracy Allen Younkin, Columbus

College of Humanities

Dean: G. Micheal Riley

Bachelor of Arts

Mitchell Wade Allen, Morrow
Frank James Andersen, Tipp City
Mark William Aninao, Cincinnati
Darren Patrick Arthur, Columbus
Shelby Jeanne Bartellis, Dayton
Brian Gerard Bellamy, Bexley
Ronald Martin Borucki, Cincinnati
Sarah Elizabeth Boyer, Granville
Nancy Lynn Brand, Upper Arlington
Stephen Edward Briss, Columbus
Edna Denise Carlisle, Cleveland Heights
Kimberly Ann Clary, Warren
Laura Lynn Cox, Cincinnati
Simone Michele Crist, Columbus
Scott Alan Davison, Columbus
David Andrew Delisi, Bradford
Woods, PA
Stephen Scott DeWeese, Columbus
Alan James Dover, Cleveland
Dina Marie Eli, Masury
Carol Suzanne Elswick, Amlin
Tanja Renè Fazzari, Toledo
Mark Richard Finneran, Boardman
Dixie Jo Fisher, Columbus
Carol Marie Foley, Dayton
Marla Kay Foster, Marion
Jonathan Eric Fox, Dayton
Laura Ann Garza, Bloomville
Charles Kevin Geedey, Columbus
Andrew Joseph Glass, St. Henry
Susan Beth Glennon, Cincinnati
Christopher Neale Grierson, Columbus
Kenneth Griffin, Chicago, IL
Walter Eugene Grunden, Bryan

Gina Marie Handy, Gloversville, NY
 Matthew Rex Hanna, Kenton
 Mark Larry Haver, Hicksville
 Sarah Lois Hawkins, Dayton
 Jane Olt Healy, Dayton
 Gail Arlene Hershberger, Louisville
 Sharon Lynn Hewes, Columbus
 Karl Allan Hilberg, Battle Ground, WA
 Regina Lynn Hilburn, New Albany
 Elaine Theresa Hunter, Columbus
 Patricia Ellen Kedzerski, Rock Creek
 Laurel Lee Kerkhoff, Westerville
 Wendy Jo Kessler, Columbus
 Douglas Lee Ketron, Eaton
 Daniel Alan Klein, Dayton
 Jennifer Ann Kleine, Cincinnati
 Ernestine Knapp, Columbus
 Shannon Dawn Krahenbuhl, Albany, NY
 Lynn Marie Kremer, Cincinnati
 Adrienne Joan Kuder, Seville
 Andrea Marie Kuntzman, Dayton
 Jeffrey Eric Kuzma, Columbus
 Susan Michelle Lang, Columbus
 Ellen Christine Leach, Columbus
 Fred Phillip Lenhardt, Concord
 Scott-Eric Lindner, Columbus
 Stephanie Anne Lipman, Chicago, IL
 Lynette Helms Loury, Columbus
 Carl Andrew Lux, Dayton
 Tammy Elizabeth Marshall, New Paris
 Frank Dominic Maureri, Euclid
 Mylinda Alice Mayfield, Columbus
 Denise Anne Mazón, Columbus
 Jennifer Jean McCarty, Bryan
 Barbara Jo McClung, Tiffin
 Diane Shirley McCorkle, Garfield Heights
 Jay Thomas McKay, Lorain
 Freda M. Miller, Berlin
 Melody Denine Miller, Newark
 Karen Elizabeth Mock, Worthington
 Sara Jane Moynihan, Toledo
 Paul Wesley Newkirk, Middletown
 David Churchill Oglevee, Rye, NY
 James Michael Pakulis, Canandaigua, NY
 Michael Anthony Parrett, Grove City
 Laura Chinglan Peng, Columbus
 Mark David Perlman, Cleveland Heights
 Timothy Perry, Columbus
 Phyllis Annette Pizzuti, Ellicottville, NY
 Sherrie Kay Polen, Alliance
 Julie Diane Polter, West Unity
 Tanya Jane Poteet, Columbus
 Laura Beth Powers, Canfield
 Sandra Jean Rader, Columbus
 John Dominic Rice, Canal Winchester
 Erika Marie Riethmiller, Columbus
 Jeffrey Herbert Ross, Wayne, NJ
 Samuel Mark Salyer, South Lebanon
 Anastasia C. Sarantopoulos, Youngstown
 Michelle Eileen Sawyer, Granville
 Caroline Frances Anne Seymour, Gambier
 Christine Marie Shupala, Perry
 Julia Lynn Simonian, Upper Arlington
 Stephen Amon Smoot, Crown Point, IN
 Pascal J. Somosierra, Casablanca, Morocco
 Joan Bertschy Sonneborn, Columbus
 Parrish Blake Stanton, Dublin
 Craig Munro Starr, Columbus
 Eric Nelson Stauffer, Glenside, PA

Susan Marie Stealey, Belpre
 Kathleen Denise Stone, West Carrollton
 Robert Henry Stone, Alliance
 William Morton Sumner, Columbus
 Mark David Tallan, Dayton
 Emily Jeane Taylor, Sheffield Lake
 Kelly Michele Thermos, Sidney
 Rachel Rhors Todd, Columbus
 Tammy Lynn Tormasi, Navarre
 Han Tran, Columbus
 Keith Allen Traxler, Carey
 Gilles Karl Van Nederveen, Bay Village
 Wendy Ann Watkins, Worthington
 Kathie Jo Weinsteger, Westerville
 Louise Janet Wigney, Columbus
 Lurleen Yiamouyiannis, Delaware

College of Mathematical and Physical Sciences

Dean: C. William Kern

Bachelor of Arts

John Darrell Balazs, Centerville
 Douglas Edward Bischoff, Powell
 Kim Brandhorst, Baltimore
 Gary Dale Chesser II, Canal Winchester
 David Anthony Cimprich, Kettering
 John Edward Fisher, Chagrin Falls
 Jeffrey Alan Glenn, Cincinnati
 Robert Phillip Gurley, Fairport Harbor
 Victoria Lynn Haptonstahl, Columbus
 Brigit Ellen Heid, Fremont
 Andrew Jenkins, Cleveland Heights
 Donald Russell Johnson, Columbus
 Scott Mitchell Lawrence, Columbus
 Andrew Ying-Liang Lin, Columbus
 Mark Henry Nemeth, Beaver Creek
 Charles Richard Orlosky, Ashville
 Carl Vincent Phillips II, Worthington
 Thomas Edward Stephens, Cleveland
 Steven Olivier Stewart, Toledo
 Mark Edward Stoll, Fairview Park
 Richard Edward Thomas, Friendswood, TX
 Kenneth Michael Vitellas, Wintersville

Bachelor of Science

Stephanie Renee Abshaw, Shaker Heights
 Francis Joseph Alexander, Warren
 Thomas Phillips Anderson, Columbus
 Timothy John Arnold, Findlay
 Charles Franklin Backus, Jr., Rehoboth Beach, DE
 Richard Warman Bailey II, Columbus
 Michael Craig Bartmess, Groveport
 Joseph John Batka, Jr., Beaver Creek
 Thomas Scott Boardman, West Chester
 Theodore Richard Campbell, Salem
 Vincent Louis Capuano, Canton
 Julie Kay Carleton, Columbus
 Gregory Omar Carpenter, Powhatan Point
 Brian Wynn Collins, St. Paris

Karen Elaine Conrad, New Holland
 Jennifer Eileen Craig, Washington Court House
 Theresa Marie Crotty, Westerville
 C. Ahmad Khalid C. Yong, Terengganu, Malaysia
 Richard James Davis III, Louisville
 James Allen Day, Whitehall
 Marc Patrick DelGarbino, Warren
 Christopher Dean Drobnik, Brunswick
 Michael Wesley Drobnik, Brunswick
 Michael Patrick Dugan, Cincinnati
 Troy A. Evans, Columbus
 John Allen Fite, Whitehall
 Richard William Fullerton, Centerville
 Niki Kanarios Galatoulas, Munroe Falls
 Timothy John Gardner, Lodi
 Mark Joseph Geregach, North Royalton
 Nancy Theresa Gerstner, Kettering
 Terence Joseph Gibboney, Columbus
 Mark Coleman Gleeves, Jackson
 Thomas John Greenlee, Pickerington
 Robert Michael Hamilton, Maumee
 John Whitaker Havlicek, Worthington
 Beth Heironimus, Columbus
 Edward Anthony Hirsch, Eastlake
 Sharon Marie Hoch, Camden, DE
 James D. Hollingshead, Columbus
 Michael Alan Holstein, Columbus
 Theodore Carl Horst, Cincinnati
 Fred E. Hutson, Columbus
 Patrick John Ingram, Lowell
 Trent Edward Jay, Zanesville
 Gregory Alan Johnson, Kirtland
 David Wesley Jordan, Cuyahoga Falls
 Elinor Ingeborg Josefson, Dublin
 Ghassan Elias Kassabji, Beirut, Lebanon
 Spyridon George Kazianis, Athens, Greece
 Randolph Eugene Kern, Lucas
 Jeffery Todd Klein, Dayton
 Peter Gerard Klimko, Cincinnati
 Mark C. Kuchte, Ravenna
 Karen Krueger, Mentor
 Janet Soriano Labasan, Columbus
 David John Languis, Lincoln, NE
 Charles Jeffrey Lee, Chillicothe
 Diane Elizabeth Levin, Canton
 Christopher Stephen Litts, Columbus
 Anthony John Lloyd, Pataskala
 Cedric Keith Manuel, Dayton
 Garry Hugh McGrail, Worthington
 Gareth Meyrick, Columbus
 Christopher James Montgomery, Albuquerque, NM
 David Mozesham, Columbus
 Raymond L. Musselman, Apple Creek
 Donald Patrick Myers, Columbus
 Mark Henry Nemeth, Beaver Creek
 Joseph Alan Nidy, North Canton
 Craig Dean Owens, Lancaster
 Amy Sue Park, Maple Heights
 Manuel Alberto Pedrozio, Dalton
 Marvin John Podzerac, Garfield Heights
 Scott Edward Reddig, Ashtabula
 Edward Thomas Reischman, Wooster
 Michael Devon Salters, Columbus
 Nicholas Rex Sasso, Columbus
 Michelle Lee Schlotter, Columbus
 Lawrence Paul Schmelzer, Columbus

Pamela G. Schrader, New Philadelphia
 Teresa Anne Schweitzer, Columbus
 Craig Douglas Smith, Circleville
 Stephen Duff Strohl, Worthington
 Susan Kathleen Sugden, Worthington
 Donald Alan Thedos, New Albany
 LeeAnn Trufant, Blacklick
 Patrick Donald Uehlein, Lorain
 James A. Vagnier, Columbus
 Steven Holden Vance, Chagrin Falls
 Kristina Elisabeth Hildegard Van
 Nederveen, Bay Village
 Nicola Jude Vincenzo Ventura I,
 Cleveland
 John David Wear, Washington, DC
 John Wallace Weatherly, Palma de
 Mallorca, Spain
 Elizabeth Ann Wentz, Huron
 James Hugo Williamson, Jr., Mansfield
 Todd Ward Winkler, Cincinnati
 Mohammad Ali Zeid, Palestine

College of Social and Behavioral Sciences

Dean: Joan Huber

Bachelor of Arts

Todd Allen Abele, Mechanicsburg, PA
 Diana Acevedo, New York, NY
 Karen Arduini, Muncie, IN
 Molly Jean Armstrong, Reynoldsburg
 Scott Ward Armstrong, Toledo
 John William Ashton III, Upper
 Arlington
 Linda Sue Bachman, Gahanna
 Colleen Marie Bain, Cincinnati
 Wendy Allison Baker, Hopewell, NJ
 Douglas Anthony Balcer, Reynoldsburg
 Daniel Joseph Ball, Centerville
 Sue Ellen Ballew, Asheville, NC
 Elizabeth Anne Balyeat, Lima
 Lorin Ann Banker, Cincinnati
 Julie Anne Barcus, Akron
 Bradley Robert Barker, Westerville
 Philip Michael Baskerville, Prospect, CT
 Dana Lynn Batch, Columbus
 Connie Jean Beagle, Warsaw
 Steven Robert Bee, Columbus
 Elizabeth Renée Beifus, Cumberland
 David Wilson Bennett, Toledo
 Rita Marie Benson, Columbus
 Aderajew Gezahagne Beyene, Gondar,
 Ethiopia
 Brian Michael Bidish, Steubenville
 Lisa Ann Bingham, Columbus
 Lynée Szucs Bixler, Amherst
 Susan Kay Blaumeiser, Canton
 Elliot Blumenstein, Columbus
 Frances Marie Bockhorst, Cincinnati
 Tami Lynn Boldt, Toledo
 Marc Avery Booker, Warren
 Karen Marie Boyd, Spartanburg, SC
 Bryan Dean Bradbury, Reynoldsburg
 Mary Theresa Brantley, Chillicothe

Constance Louise Bridges, Chagrin Falls
 Jamie Andrea Briggs, Columbus
 Edward Joseph Broderick, Westlake
 Emma Player Brown, Dayton
 Kimberly Kay Brown, Westerville
 Paula Marie Brown, Garfield Heights
 Gary John Buckshaw, Salem
 Natalie M. Bumbalough, Columbus
 Edith Olivia Burkhardt, Woodsfield
 Michael Edward Burnett, Columbus
 William Charles Busch, Ashland
 Janice L. Cabral, Columbus
 Kirsten Pierrette Campbell, Sandusky
 Sandra Soncrant Cantrell, Orlando, FL
 R. Louis Carloni, Indiana, PA
 Corinne Marie Carmody, Lancaster
 Leonard Eugene Chambers, Duncan Falls
 Bernadette A. Champa, Euclid
 Patricia Mary Cimino, Bedford
 Thomas Wheeler Clark, Kettering
 Anne Elizabeth Cleveland, Middletown
 Ellen Sue Cole, Columbus
 Marcia Ann Collins, Westlake
 David Neil Conner, Xenia
 Linda Marie Cooper, Columbus
 Richard Gary Corbin, Reynoldsburg
 Denis Norman Cox, Canal Winchester
 Karen Kathleen Crawmer, Bexley
 Susan Elaine Crotty, Lucasville
 Lisa Madeline Curran, Worthington
 Merril-Lynn Cushman, Columbus
 Willie Dock Dade, Columbus
 Tom E. Dailey, Jr., Chillicothe
 Luigi Gino Damiani, Jr., Columbus
 Deborah Jean Dandurand, Reynoldsburg
 Gerald Alan Dannemiller, Belden, MS
 Catherine Denise Davis, Columbus
 Elaine Susan Davis, Springfield
 Ronald Edmund Davitt, Winterville
 Raymond Stevens Day, Cincinnati
 Anne Masters Delcos, Hudson
 Erica Paige Denner, Granville
 Sharon Ann Dillon, Troy, NY
 Rachel Dobres, Mayfield Heights
 Samuel Thomson Dodd, Newark
 Douglas Max Donley, Cambridge
 Tracy Leigh Downard, Sugar Grove
 Betsy Ann Duberstein, Dayton
 Hillary Ann Dubin, University Heights
 Jerry Lee Dunkle, Kettering
 Rebecca Lynn Eiseit, Bexley
 William Timothy Elmhurst, Calgary,
 Alberta, Canada
 Kimberly Ann Farey, Canton
 Charles Elwood Febus, Hamilton
 Howard Joseph Fellman, Pepper Pike
 Sandra Kay Felton, Jamestown, NY
 Scott Alan Fisher, Wapakoneta
 Jeffrey Scott Flaherty, Crestline
 Mary Beth Foley, Westerville
 David Adam Fonfa, New York, NY
 Kurt John Forster, Brecksville
 Elizabeth Ann Foster, Columbus
 Sandra Kay Fox, Fostoria
 Karen Lynn Frank, Vienna, WV
 Colleen Beth Frazier, Delaware
 Patrick Carl Friel, Chardon
 Larry Leo Fritz II, New London
 Adrienne Yolanda Fullard, Queens, NY

Sandra Louise Gabriel, Upper Arlington
 Lawrence Joseph Gaietto, Lima
 Kelly Ann Gainor, Columbus
 Gwenn Marie Gallenstein, Cincinnati
 Michael David Gardner, Bellville
 Wesley John Gasper, Alexandria, VA
 Carl William Geis, North Canton
 Scott Porter Gertz, Findlay
 Rhonda Rae Gilbert, Crestline
 James Lee Gillispie, Cedarville
 Michael Edward Gimbrone,
 Salamanca, NY
 Robert Edward Golias, Munroe Falls
 Robin Stacy Gordon, Dorset
 Shashi B. Gowda, Cleveland
 Joseph Cox Granzier, Cleveland
 Kelley Lynn Gregg, Centerville
 Harry W. Griebing, Lexington
 Mark Scott Griffiths, Wayne, PA
 Jeff Charles Grossman, Shaker Heights
 Shari Ilise Gutter, Columbus
 Jennifer Stuart Guy, Columbus
 Jean Patrice Haghir, Wooster
 Julia Rose Hamilton, Beavercreek
 William Scott Harlow, Bryan
 Christine Anne Harrison, Yardley, PA
 Virginia Kay Harrison, Millersport
 Elizabeth Hilty Hartung, Canton
 Andrea Hazzard, Mentor
 Eric Edward Heckelman, Granville
 Jennifer Lynn Heitmeyer, Delphos
 Keith Alan Hendricks, Vanlue
 William Leroy Henry, London
 Larzell Mark Hensley, Columbus
 Scott Brian Herman, Beachwood
 Steven Keith Hess, Columbus
 James Daniel Hickey, Columbus
 Calvin Joseph Higgins, Jr., Gahanna
 Monica Rose Higgins, Columbus
 Angella Gamble Hill, Westerville
 Philip David Hisnay, Parma
 Patrick Joseph Holbrook, Columbus
 Christine Marie Holderbaum, Wooster
 Karl Philipp Hubner, Oak Ridge, TN
 Linda Ellen Hurwitz, South Euclid
 Amy Jo Anne Jackson, Warren
 Mark Edward Jameson, Grove City
 Patricia Ann Jaskari, Winterville
 Lori Jean Jeffers, Cincinnati
 Anna Lisa Jenkins, Lucasville
 Robert Stephen Johnson, Montgomery
 Theodore Reed Jordan, Columbus
 Jane Marie Kagy, Findlay
 Joseph Brian Kaiser, Columbus
 Matthew John Kaminski, Worthington
 Rosanne Beth Kaplan, Lima
 Patricia Anne Kasmarek, Hinckley
 Kenneth Ernest Keener, Upper Arlington
 Sarah Newland Kelley, Wellsville, NY
 Elizabeth Marie Kelly, Upper Arlington
 Kevin Jon Kemelhar, Mayfield Heights
 Jeffrey Thomas Kenney, Cincinnati
 Eugene Francis Kerekes II, Columbus
 Jocelyn Lita King, Asheville, NC
 Joan Margaret Kinsel, Maumee
 Thomas Jeffrey Klaus, Centerville
 Gregory Joseph Klosek, Dublin
 Teresa Jane Kolk, Pataskala
 Matthew Thomas Korkate, Lima

Robert Joseph Krammes, Cincinnati
 Cheryl Layne Kumerow, Barrington Hills, IL
 Catharine Lammers, Akron
 Mark Charles Lampe, Columbus
 Thomas Charles Lasik, Cleveland
 Barbara Lynn Lattimore, Middletown
 Barry Winston DaCosta Lawrence, Brooklyn, NY
 Kimberly Sue Levine, Orange
 Christopher Jon Lewie, Columbus
 Amy Dee Leyland, Cincinnati
 Kristin Grace Lieser, Upper Arlington
 Gregory Karl Lind, Springfield
 Ernest Grant Lindsey II, Circleville
 Jennifer Kay Lochard, Pickerington
 Elizabeth Ann Magri, Chardon
 Frank Braun Malone, Sylvania
 Michele Sharlene Marian, Youngstown
 Ramona Lisa Marusa, Berea
 Breck Kerr McCracken, Bellefontaine
 Terrence Joseph McDonald, Newark
 Debbie Eyvonne McGhee, Columbus
 Edward Thomas McGlynn, Worthington
 Lelia McKeenan, Cincinnati
 Kelly Ann McKimmy, Toledo
 Jeffrey Scott Mead, Beavercreek
 Trudy Lorraine Mentzer, Clifton
 Carol Anne Mercer, Columbus
 Judith Marianne Michael, Toledo
 Joseph Ross Milan, Mentor
 Constance Faith Miller, Columbus
 Ruth Louise Miller, Worthington
 Jennifer Susan Mills, Chagrin Falls
 Thomas Moghaddam, Hicksville
 Debra Sue Monroe, Marion
 Derek Edward Montgomery, Toronto
 Michael Roger Moore, Parma
 Dawn Ranae Morey, Mt. Vernon
 Edward Donald Murray, Lorain
 Edward Joseph Murray, Cleveland
 Patricia Anne Murray, Sayreville, NJ
 Robert C. Murray, Jr., Akron
 Jan Alan Neiger, Dover
 Mary Jo Ellen Nesbitt, Middletown
 Lori Marie Newman, Hillsboro
 Hong Anh Nguyen, Wooster
 Stephen Randall Nolen, Johnsville
 Rosemarie November, Cortland
 Gary L. Nuzzi, Warren
 Muge Adviyi Oktener, Columbus
 Gerardo Clement Orlando, Lorain
 Sally Jo Palm, Hebron
 Adrienne Lisa Palmer, Shelby
 Susan Marie Panasiak, Fairview Park
 Cathy Ann Pavlov, Hubbard
 David Robert Payne, Johnstown
 Kimberly Sue Perkins, Cincinnati
 Marty Jo Peterson, Piqua
 Arvids Valdis Petersons, Dayton
 Susan Sheryl Petro, Columbus
 David Andrew Pfarrer, Kettering
 Mark William Pfister, Columbus
 Julia Christman Phillips, Shaker Heights
 James Christopher Picolo, Springfield
 Jeremy Bruce Pink, Bexley
 Helen Pla, University Heights
 Patrick Shannon Plikerd, Lakeview
 Stuart Randall Portman, Akron

Sandra Dee Preston, Columbus
 Marilyn Primovic, Bridgeport
 Brian Louis Prose, McDermott
 John Williams Pruden, Cincinnati
 Jill Renee Pupa, Beachwood
 Renee Diane Rakay, Columbus
 Carol Elaine Randall, North Ridgeville
 Donald C. Recker, Kalida
 Rodger Lee Redd, Akron
 Richard Raymond Reed, Columbus
 Christina Ann Regule, Masury
 Anne Bailey Reynolds, Akron
 George Richard Rice, Westerville
 Adina Renée Rich, Columbus
 Ana Stephanie Riddel, Huntington, WV
 Ann Marie Riley, Lakewood
 Barbara Marcile Rinard, Columbus
 Diane Elizabeth Robinson, Columbus
 Debra S. Roelle, Columbus
 Linda T. Rogers, Columbus
 Robert Ronald Romaker, Cridersville
 Sean Padraic Rooney, Columbus
 Gia Patryce Ross, Atlanta, GA
 Jill Elizabeth Ross, Lancaster
 Laura Marie Ross, Columbus
 Robert Lowe Ross, West Lafayette, IN
 Sara R. Rubin, Columbus
 Scott Andrew Rumizen, Buffalo, NY
 Michael Roy Rysoo, Libertyville, IL
 Michael Edward Sacksteder, Vandalia
 Jeffrey Neil Sakol, Columbus
 Michele Faye Salomon, Pittsburgh, PA
 David Nicholas Sauer, Bexley
 Tina Marie Schafer, Lorain
 Sherie Marie Schmidt, Elyria
 Jody Lynne Schneiderman, Cincinnati
 Lynn Kristine Schnell, Massillon
 Richard Carl Schoenestein, Columbus
 Jodi Lynn Schreibman, Cleveland
 Amy Elizabeth Schueler, Dayton
 Karen Lynn Scott, Chagrin Falls
 Angela Marie Selley, Dublin
 Richard Scott Seomin, Cincinnati
 Frederick A. Sowards, Newark
 Sharon Kay Shaeffer, Upper Arlington
 Shelly Lee Shallenberger, Lorain
 Lawana Renee Shipley, Philadelphia, PA
 Benjamin Allen Shows, Ashland
 Edwin Charles Shuttleworth III, Columbus
 Mark Stephen Silbaugh, Columbus
 Laszlo Francis Simonyi, Lakewood
 Betsy Sue Singer, Canton
 David Lane Smith, Chillicothe
 Gregory Carter Smith, Strasburg
 Gretchen Elizabeth Smith, Findlay
 Kristin Lynn Smith, Columbus
 Lisa Blankenship Smith, Marion
 Raymond Hagerman Smith, Jr., Denver, CO
 Scott Ritchie Smith, Agawam, MA
 Paul John Smolarchuk, Middleburg Heights
 Erik Matthew Speicher, Worthington
 James Robert Stanko, Brunswick
 Garlene Staton, Springboro
 Angela Jane Steiner, Marion
 Steven Evan Steinhart, Columbus
 Alice K. Strawser, Circleville

Katerina Sophia Taiganides, Singapore
 Daniel Casey Talbott, Toledo
 Kelly Lenore Taylor, Xenia
 William S. Thomas, Dayton
 Sara Ruth Thompson, Wilmington
 Tyler Alan Thorp, Montpelier
 Nancy Anne Tibbitts, Marion
 Michael John Tomczak, Frankfort, IL
 Henry Bernard Torn, University Heights
 Cheryl L. Trcka, Hinkley
 James Todd Trippett, Columbus
 Christine Leota Trommer, Akron
 Douglas Rauf Unver, Canton
 Robert Allen Van Epps, Strasburg
 Randall Dean Vaughan, Mantua
 Lisa Marie Vinciguerra, North Olmsted
 Karla Jean Viney, Columbus
 William Francis Von Almen, Cincinnati
 John Von Gruenigen, Worthington
 Karl Anthony Von Hagel, Cincinnati
 Craig Joseph Vretas, Canton
 Patrick Joseph Wade, Newark
 Cyndra Sue Wagner, Columbus
 Konnie Marie Wallen, Westchester
 Elizabeth Jean Waters, Columbus
 Michael Harding Weatherhead, Shaker Heights
 Charles Richard Weinman, Kettering
 Todd David Weintraub, Lima
 William D. Welch, Marion
 Norman Dale Welsh, Marysville
 Libby Westerhausen, Findlay
 Lisa Carol White, Eaton
 Scott Steven William Whitney, Parma
 Tracy LeeAnn Wilham, Trenton
 John Mark Williams, Cincinnati
 Kristi Renée Wilson, Ashland
 Lisa Ann Wilson, Celina
 Kevin Edward Wilush, Greenford
 David Edward Woodbury, Jr., Springfield, VA
 Alison May Woods, Wooster
 Kimberly Ann Woodyard, Granville
 Eric Michael Wylie, Grove City
 Kimberly Nadene Zedaker, Canfield
 Joy Ann Zimmer, Timberlake
 Katherine Maria Zittel, Latham, NY

Bachelor of Science

Todd Keith Baldwin, Montgomery
 Paul Michael Bellini, Cleveland
 Ronald Joseph Brickner, Fostoria
 John Bradley Britton, Tallmadge
 Gregory Joseph Buzek, Cincinnati
 Monica Mary Cahill, Akron
 Terry Lee Correll, Grafton
 Thomas Edward Davis, Columbus
 Marie Grace Nalupta Dichoso, Lodi
 David John Dietz, Lima
 Melvin Wayne Engle, Marysville
 Roy Henry Fish, Columbus
 Marjorie Lynn Funk, Columbus
 Caroline Mary Gentile, Norwalk
 Tammara Louise Graves, Wakeman
 Janis McBride Gustafson, Poland
 Wayne Spencer Hall, Shaker Heights
 Sharon Lynn Hewes, Columbus

Laena Marie Karnstedt, Columbus
 Peggy Sue Kirk, Columbus
 Katherine Wun-Yee Lai, Hong Kong
 Janet Marie Larkins, Euclid
 Mojgan Lawson, Tehran, Iran
 David Bryan Lepre, Parma
 Robert Joseph Lowes, Mentor
 Lori Michelle Maier, Columbus
 Constance Susan Manos, Lodi
 Vance Marshall, Painesville
 Katherine Renea Meseroll, Monroe
 Janalee Annette Milligan, Coshocton
 Jacqueline Ann Nemer, Stow
 Annette Therese O'Malley, Westlake
 Charles Andrew Palmer, Columbus
 Amy Sue Park, Maple Heights
 Honesto Vitug Ramirez, Port
 Charlotte, FL
 Paula Sue Reak, Lockport
 Julie Marie Ricker, Defiance
 Susan Joy Riga, Mayfield Heights
 Michael Alan Riley, Columbus
 Ronald Richard Ross, Upper Arlington
 Christine Marie Sandor, Orient
 John Scott Seibert, Richmond Heights
 Diane K. Share, Mallard, IA
 Marnie Susan Smith, Boardman
 James D. Snell, West Carrollton
 Scott David Spera, Bay Village
 Jeffrey Haines Sweet, Worthington
 Donald Alan Thedos, New Albany
 Maureen Ellen Tock, Niles
 Elizabeth Sylvia Walker, Prospect
 Harbor, ME
 Ronald Elias Warwar, Dayton
 Victoria Sue Yang, Cincinnati

School of Journalism

Bachelor of Arts in Journalism

Stasia Ann Altomare, Grove City
 Ronald Alan Apelt, Cleveland
 Colleen Marie Benecke, Bellville
 Stacey Ellen Berg, Sylvania
 Robert David Bergamesca, Upper
 Arlington
 Denise Ann Bigler, Sycamore
 Angela Delight Blessing, Columbus
 Kelli Lynn Blevins, Columbus
 Michele Therese Blonchek, Middleburg
 Heights
 Jodi Ann Blum, Brookville
 Karen Lynn Bockhorst, Cincinnati
 Ronna Lynn Bogart, Cleveland
 Jennifer Jo Boyer, Pickerington
 Matthew Paul Bretscher, Valparaiso, IN
 Portia Lee Brown, Smithfield
 Jim K. Bubutiev, Whitehall
 Shelley Jo Burger, Newark
 Stephanie Lynn Carioti, North Canton
 Beth Cleo Castrodale, Westerville
 Pamela Frances Clay, Dayton
 Eleanor Melissa Cole, Strongsville
 Cherise Renee Coleman, Worthington
 Brian Jeffrey Comer, Lorain
 Richard Alan Crofton, Bellaire

Patricia J. Cuprik, Columbus
 Marianne Fredericks Daley, Centerville
 Mary Elizabeth Delahunt, Westerville
 Mary Bridget Donahue, Loveland
 Dale Richard Emch, Sylvania
 Diane Marie Entsminger, Columbus
 Terri Lynn Farrell, Vienna, WV
 Eugene Philip Farris, Cleveland
 Kristi Renee Ferguson, Trenton
 Frederick Lewis Ferris, Columbus
 Tonya Jane Flory, Newark
 Richard Kenji Fujita, Westlake
 Darla Joan Geisler, Dayton
 Amy Lynn Gersh, Dayton
 Laurie Ann Gillaugh, Dayton
 Kathleen Ann Gruber, Upper Arlington
 Michael John Hagedorn, Vestal
 Deanna Lyne Hankins, Oberlin
 Sally Anne Hartman, Strongsville
 Eric Edward Heckelman, Granville
 Margaret Lewis Marshall Hermant,
 Toronto, Ontario, Canada
 Kristen Kay Hill, Toledo
 Todd Hill, Dublin
 Molly Sue Huggins, Columbus
 Daniel Joseph Hughes, Grove City
 JoAnn Elizabeth Iven, Elida
 Laurie Lynn Jamieson, Brookfield
 Mary Josephine Jones, Chillicothe
 Lisa Mary Kemper, Broadview Heights
 Teddi Renee Korn, Jackson Center
 Laura Jean Kuskowski, Columbus
 Stacey Jo Kuvin, Cleveland
 Tracey June Lancione, Bellaire
 Beng Beng Lee, Republic of Singapore
 Cynthia Marie Legg, Columbus
 Lisa Ann Leland, Loudonville
 Kelly Allyce Lewis, Milford
 John Christian Lobinger, Medina
 Tanya Marie Madison, Columbus
 Martin John Malley, Columbus
 Elizabeth Diane McBride, Columbus
 Melissa Marie McCoy, Fairfield
 Janet Marie Modic, Richmond Heights
 Joseph Craig Mohre, Edon
 Denise Lynn Morrison, Newton Falls
 Gary Alan Motz, Powell
 Edward Joseph Murray, Cleveland
 Sherry Lynn Newkirk, Wellington
 Maryellen O'Shaughnessy, Columbus
 Katharine Markella Paradissis, Amherst
 Robert Lee Payne, Columbus
 Amy Louise Powell, Columbus
 DeAnne Marie Pubal, Broadview Heights
 Larry Todd Radford, Columbus
 Edward John Richter, Cincinnati
 Polly Jo Ritchie, Salem
 Sharon Sue Roche, Columbus
 Jennifer Lynn Rondeau, Brecksville
 Melissa Kaye Stoelting, Forest Park
 Susan Elaine Sunderland, Reynoldsburg
 Kevin David Tigrett, Columbus
 Michelle Marie Vesely, Massillon
 Wendy Sue Wallace, Columbus
 Beth Ann Walls-Forte, Grove City
 Deborah Anne Weiner, Shaker Heights
 Gary Lynn Weller, Worthington
 Julia Marie Wermert, Coldwater
 Tara Evette White, Cincinnati

David Arthur Wilson, Columbus
 Michael Young, Columbus

College of Agriculture

Dean: Frederick E. Hutchinson

Bachelor of Science in Agriculture

Bruce Robert Acord, Medina
 Denise Wiles Adams, Lithopolis
 David Neal Agin, Columbus
 Anjeanette Albright, Greenville
 Page Rene Albright, Monclova
 William Frederick Allard, Arlington
 Mark Allen Badertscher, Mt. Cory
 Christopher Paul Baker, Burghill
 Clinton J. Beardsley, Jr., Columbus
 Amos Isaac Bechtel III, Columbiana
 Brian Carl Beck, Galion
 David Shawn Beckwith, Keeseville, NY
 Broc Adam Bidlack, Grover Hill
 Shari Lee Blackstone, Columbus
 Virginia LeeAnne Breisinger, Hicksville
 Kristina Jacobson Bridgman, London
 Gene Edward Brinkman, Arlington
 Donna Marie Broermann, Camden
 Therese Marie Casale, Warren
 John Andrew Collet, Upper Sandusky
 Anthony Edward Core, Rushsylvania
 Thomas Adam de Jolsvay, Columbus
 Daryl Davis Dempsey, Oak Hill
 Susan Ann Diczhazy, Chagrin Falls
 Paula Ann DiMedio, Haddonfield, NJ
 Michael David Downey, Columbus
 Deanna Lee Duche, Columbus
 Patricia Jo Dudash, Avon Lake
 Matthew Thomas Eggers, Napoleon
 William Paul Eisel, Columbus
 David Frederick Erf, Bellevue
 Glen Alvan Etter, Bradford
 Lisa Rachelle Everman, Columbus
 Steven John Farmer, Pemberville
 Edward Allen Feasel, Tiffin
 David Michael Fehlan, Wellington
 Marilan Marie Firestone, Columbus
 Kelly Ann Flaherty, Beaver Creek
 Michael James Florman, Lyndhurst
 Timothy Allen Frump, Hillsboro
 Rebecca Marie Gibbs, Fremont
 Jeffrey Alan Glanville, Ironton
 David Eric Grum, Belmont
 Dennis Patrick Grusenmeyer, Dayton
 Hardon Glenn Hale, Galena
 John Edward Hall, Englewood
 Marcia Lee Hall, Perry
 Catherine E. Harrington, Brecksville
 Glenn William Harsh, Delaware
 James Edward Hegfield, Painesville
 John Douglas Heilman, Kenton
 Dirk Matthew Heisel, New Bloomington
 James Hunter Hobbs II, Bloomingburg
 Donna Mae Hoffman, Archbold
 Michael James Holt, Wellington
 Michael Ashley Hoover, Millersport
 Phillip Edward Hoover, Bucyrus
 Beth Ann Hudock, Highland Heights

Clark Stephen Hutson, London
 Thomas Edward Jackson, Camden
 Richard Douglas Jarvis, Salem
 Robert Lee Johnson, Fredericktown
 Jill Ann Jordan, New Paris
 Sara Louise Junkin, Beaver Creek
 Patrick John Kahle, Spencerville
 Kennon Lee Keckler, Risingsun
 Thomas Wayne Keller, Napoleon
 Edward C. Kennedy III, Fremont
 Bruce Richard Kettler, Anna
 Lisa Rae Knapp, Castalia
 Timothy Patrick Knight, Sherman, NY
 Lynn Marie Kochevar, Parma
 Charles David Kohstall, New Paris
 Nicholas James Kohut, Columbus
 David John Kraushar, Cincinnati
 Dean Allen Kreeger, Greenwich
 Ned John Kreinbrink, Leipsic
 Laura Ann Kresty, Medina
 Michael Eugene Larson, Galloway
 Michael Daun Lawson, Carrollton
 Cynthia Louise Maro, Columbus
 John David Mathews, Columbus
 Todd Charles McCartney, Maumee
 Patrick John McGuigan, South Euclid
 Daniel Brent Meeder, Sherman, NY
 Craig Elroy Meranda, Georgetown
 Scott David Mills, Sandusky
 Ronald William Moore, Canton
 Brian William Moran, Medina
 Angela Sue Motter, Ashland
 Timothy Scott Norden, Hilliard
 Warren Ben Nothnick, Franklinville, NJ
 Nathaniel Hunt Nunn, Sunbury
 Bruce C. Paul, Massillon
 David Lee Pendleton, Springfield
 Carol Sue Philbrook, Cardington
 Thomas Haigh Phillips, Columbus
 Janet Chandler Pickford, Fredericktown
 William Ray Pittenger, Tipp City
 Lisa Marie Pond, Sunbury
 Bradford C. Remington, Shaker Heights
 Theresa Marie Rhyner, Avon Lake
 Kevin Dennis Ricker, Fort Jennings
 Todd Ralph Ricker, Columbus Grove
 Stephen Eyring Rieske, Ostrander
 Ted Robert Riethman, Minster
 Mark Alan Roeth, Piqua
 Steven Alan Ronshausen, Circleville
 Michael Victor Ruggiero, Columbus
 Sharon Kay Ruggles, Norwalk
 Craig Allen Schafer, Sycamore
 Michael Kevin Schenk, Toledo
 Christopher Ellis Schiefer, Bucyrus
 Douglas Jay Schilling, Upper Sandusky
 Michael Ralph Schroeder, Columbus Grove
 Barry Thomas Serafin, Ravenna
 Lynn Kay Settlemyre, Clarksville
 Emily Shepard, Washington Court House
 John David Shepard, Washington Court House
 Douglas Ray Shisler, North Lawrence
 Paul David Siciliano, Burton
 David Karl Simmons, Utica
 Mark Edwin Smith, Bellefontaine
 Lloyd Arthur Snyder, Wooster
 Richard Keith Spehar, Port Clinton

Carol Ann Sray, Willowick
 Sandra Lynn Stalder, Sardis
 Terry Alan Taylor, Richwood
 Donald William Tom, Chandlersville
 Douglas Alan Topp, Mechanicsburg
 Gregg M. Topp, New Bremen
 Lisa K. Tucker, Duncan Falls
 Gerke Hielke van der Zwaag, Den Ham, Ov, The Netherlands
 Bradley Charles Van Voorhis, Waynesburg
 Charles Thomas Wagner, Edison
 Lorie Ann Walker, Aurora
 Donald Anthony Wampler, Bellbrook
 Timothy Joe Weaver, Weston
 Gregory Allen Webb, Van Wert
 David Leroy Weygandt, Columbus
 Gary Michael Williams, Reynoldsburg
 Fred Joseph Wright, Independence
 Rhonda Sue Yockey, Columbus
 Robert Karl Young, Columbus
 Kerry J. Yount, West Manchester
 Jeffrey Wade Zellers, Hartsville
 Betsy Romaine Zimmerman, Radnor

Connie Sue Legg, Columbus
 Suzanne Mary Loosbrock, Michigan
 David Scott MacDonald, Columbus
 Marcus Marek, Masury
 Tracey Alan Martin, Greenville
 Susan Hannah McBean, Parma
 Mark Howard Mohr, Sherwood
 Mark Richard Otten, Cincinnati
 Randy Alan Perlakowski, Baden, PA
 Laurie Lou Peters, Alliance
 Thomas Arthur Pompeii, Rocky River
 Diana Lee Rogers, Beaver Creek
 Mary Beth Rothenbuhler, Cincinnati
 William Urso, Jr., Wickliffe
 Sherry Ann White, Brunswick
 Steven Norman Whitney, Greenfield Center, NY
 Christopher Todd Yoder, New Philadelphia

Agricultural Technical Institute – Wooster

Bachelor of Science in Food Science

Jennifer Marie Barber, Defiance
 David Vaughn Foster, Peebles
 Cynthia Sue Neal, Zanesville
 Bill Michael Owen, Mansfield
 Barbara Ann Rice, Columbus
 Jeanne Marie Soehnlen, Canton

Bachelor of Science in Food Technology

Tina Maria Knisley, Wilmington
 Melissa Ann McCage, Dublin
 Laura Gail Thomas, Cambridge

School of Natural Resources

Bachelor of Science in Natural Resources

Nancy Lynne Applegate, Columbus
 Paul Richard Baker II, Woodsfield
 Lisa Lynn Barber, Grandview Heights
 Charles Edwin Bebout, Utica
 Andrew Paul Biggert, Columbus
 Candace Sue Boardman, Sylvania
 Anthony Gerard Breslin, Dayton
 Kimberly Dawn Bujold, Columbus
 Anthony George Crommes, Troy
 Jeff Alan Drebus, Kirtland
 Anthony Lawrence Gareau, Cleveland
 Lawrence R. Habig, Shadyside
 Lance Dion Heyman, Upper Sandusky
 Mark Joseph Humpert, Delphos
 Ann Marie Jankowski, Garfield Heights
 David Lawrence Kelley, Wellston
 Jeffrey Scott Kochheiser, Mansfield
 Sandra Ann Kuntz, Cincinnati

Associate in Applied Science

Debra Noel Abbott, Hillsboro
 Neil Paul Badenhop, Wauseon
 Kevin Dean Barnard, Columbia Station
 Henning Nordan Bjerre, Shreve
 Jeffrey Alan Blayz, Swanton
 Jennifer Ann Brinkman, Arlington
 Harry Edward Cadman, Jr., Wooster
 Kevin Douglas Carmean, Dayton
 Andrew Lee Clady, Malinta
 David S. Cole, Avon Lake
 John Fredrick Connor, Toledo
 Paul Neal Courtright, Willard
 Andrew John Coz, Ravenna
 Michelle Lee Crabb, North Lawrence
 Gary Lee Davenport, Jr., Fremont
 Scott Arthur Davidson, Chagrin Falls
 Stephen Allen Davis, Sidney
 Jeffrey Scott Deeble, North Fairfield
 Randy Lee Delposen, East Liverpool
 David Robert Downs, Jr., Brookville
 Brian Scott Eberly, North Lawrence
 Denise Dyan Ely, Sugar Creek
 Gary Lane Fenton, Newcomerstown
 Kathi Ann Fisher, Wooster
 Colleen Joy Fobes, Geneva
 Lamar Scott Grieser, Jenera
 Darlene Marie Gronski, Maple Heights
 Kristin Sue Grube, Johnstown
 Bryan Lawrence Hawkins, Jefferson
 Leonard John Heim III, Kirtland
 David Thomas Hineline, Akron
 William Lloyd Houston, Morrow
 Arthur Lloyd Johnson, Jr., Chardon
 Dale Howard Kunze, Edison
 Douglas Edward Lehman, Dalton
 Kevin R. McClellan, Edgerton
 Kevin Ray McCoy, Coshocton
 Wayne Edward McDonough, Milford
 Trevor Jay Meek, Conesville
 Harold John Meldick, Jr., Oak Hill
 Michele Marie Menegay, Sterling

Michael Louis Morelli, Alliance
 Jeffrey Todd Murdock, Wakeman
 Todd Allen Mutti, New Philadelphia
 Daniel James Nagy, Chardon
 Thomas Edgar Noyes II, Wooster
 Thomas Floyd Paul II, Wintersville
 Ismay Priscilla Persaud, Wooster
 Mark Edward Phillips II, Bryan
 Annette Marie Ragone, Sylvania
 Lori Anne Ramm, Toledo
 Jerold Lee Red, Wooster
 Edgar Lee Reebeel, La Rue
 Jeffrey Lee Rife, Clyde
 Domenick Sansalone, Jr., Perry
 Robert David Serrone, Wooster
 Jeffrey Lyle Shaffstall, Akron
 Valerie Jill Shuler, Marysville
 Brian Scott Simon, Canton
 Russell A. Simpson, Springfield
 Brian Harold Snavely, Republic
 Jeffrey David Thompson, Xenia
 Marci Ann Tingle, Steubenville
 James Allison Van Dyne, Jr., Cambridge
 Michael James Vantuyll, Akron
 Luke Airen Wadsworth, Conneaut
 Allen D. Weaver, Johnstown
 Tobin Dean White, Ashland
 James Curtis Williams, Springfield
 Robert John Wilson, Dunkirk
 Jodi Lynn Yothers, Akron
 Daniel Karl Zeuch, Bay Village

College of Business

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Neal Arthur Abramson, Bethesda, MD
 Robert J. Acquista, Reynoldsburg
 Richard Elliott Adler, Jr., Columbus
 Jeffrey Lee Admonius, Alliance
 Nadia Ala-U-Dini, Worthington
 Holly Renee Alexander, Englewood
 David H. Alger, Cleveland
 Christine Marie Allen, Columbia Township
 Craig Eugene Allen, Coshocton
 Edward Francis Allen, Beaver Creek
 Michael Allen Alltop, New Straitsville
 Anne Marie Alter, North Olmsted
 Anne Marie Amico, Columbus
 Jeffrey Allen Anderson, Columbus
 Leon Robert Anderson III, Beachwood
 Marilyn Louise Anderson, Granville
 Regina M. Anderson, Coshocton
 Thomas B. Andrews VI, Dayton
 Michele M. Antonelli, Warren
 Donald R. Archer, Granville
 Donald Allen Argento, Centerville
 Soterios Theodore Argeropolos, Kettering
 Robert Michael Ashcroft, Strongsville
 Randall John Asmo, Columbus
 Bryan Joe Austin, Franklin
 Deborah Ann Bachman, Cleveland
 Eric John Bahr, Amherst, NH

David Andrew Bailey, Portsmouth
 Robert T. Bair, Columbus
 Michael Alan Baird, Marysville
 Jill Suzanne Baker, Pataskala
 Mitchell A. Baker, Long Island, NY
 Kenneth Edward Balog, Youngstown
 Brian Paul Bandi, Canton
 Catherine Ann Bannister, Beaver Creek
 Erin Maria Barks, Westerville
 Andrew J. Basista, Warren
 Michelle Louise Bast, Akron
 Kim M. Batsch, Cincinnati
 Jonathan Lewis Bayer, Columbus
 Bethany Suzanne Beardsley, Toledo
 Warren Alfred Beringer, Upper Arlington
 Christopher Coleman Beem, Glen Mills, PA
 Jonathan Beeman, Canfield
 Michael Joseph Bellisari, Columbus
 Robert Jon Benjamin, Beachwood
 Geoffrey B. Bennett, Westerville
 Carolyn Denise Berkley, Columbus
 Daniel Edward Best, Chagrin Falls
 Elizabeth Anne Bjorn, Hudson
 James R. Blamble, Columbus
 Steven Mark Blaugrund, Shaker Heights
 Karl Norbert Blessing, Youngstown
 Suzette Renea Blosser, Lancaster
 Nancy Marie Blozis, Columbus
 Karen Lynn Boeckley, Cincinnati
 Trent Thomas Bojansky, Middleburg Heights
 Julie Ann Bolender, Norton
 Kyle Stephen Bowie, Westerville
 Janine Louise Bowen, Westerville
 Jeff Alan Bowling, Edon
 Kimberly Kay Boydoh, Granville
 Susan Judith Brainard, Fairborn
 James Branham, Jr., Clyde
 Timothy Michael Bresnahan, Powell
 Melissa Ann Bressler, Mansfield
 Thomas Patrick Britton, Bay Village
 Joseph F. Brodzinski, Jr., Parma Heights
 Suzanne Brogno, Stevensville, MI
 Kathleen Diane Brown, Akron
 William J. Brown, Euclid
 David G. Buehler, Oak Harbor
 Lisa Marie Buettner, Canal Winchester
 Raleigh Cathryn Burges, Columbus
 Jeffrey S. Buroker, Columbus
 Kathleen Ann Bush, Columbus
 Leanne Marie Byrd, Wooster
 Kristin Ann Calich, Uniontown
 Kevin Thomas Callahan, Pickerington
 Floyd Patrick Campbell III, Columbus
 Scott Edward Capretta, Columbus
 Steven Russell Carn, Fremont
 Lisa Ann Carney, Cincinnati
 Todd Andrew Carpenter, Columbus
 Teresa Lynne Carr, Columbus
 Linda L. Case, Point Pleasant, WV
 Thomas Wayne Cefalu, Cincinnati
 Diane Marie Cerny, Dublin
 Henry William Chamberlain, Vermilion
 Scott Bruce Chapman, Akron
 Yueh Leng Cheam, Port Klang, Selangor, Malaysia
 Michele Ann Cheuvront, Columbus
 Frank Cliona, Jr., Waynesburg

Jody Fitz Clark, Canton
 Julie Clark, Westerville
 John Christopher Cleary, Medina
 Albert Paul Cliffl III, Wadsworth
 Nancy Ann Clinton, Campbell
 Robert Brian Cohen, Kent
 Gary David Colangelo, Mansfield
 Brian Paul Cole, Belpre
 Mark Stephen Collins, Columbus
 Jeffrey Jay Combs, Middletown
 Stephen Richard Conkel, Columbus
 Christine Ann Conley, Lima
 Shaun M. Conover, Beaver Creek
 Rhonda Leigh Copeland, Waverly
 Semhan Ahmet Çorapçı, Istanbul, Turkey
 Robert Baxter Cory, Bucyrus
 DeEtta Jean Crawford, Avon Lake
 Kathleen Rita Crawford, Columbus
 Carrie Cristea, Canton
 David Brent Crowner, Westerville
 Mathew John Crumbley, Clinton
 Barbara Krajchir Cuiwik, Columbus
 Diane Elizabeth Cunningham, Cuyahoga Falls
 Lisa Maria Cunningham, Westfield, NJ
 Teresa Lynn Currin, Cincinnati
 Sami Aref Daher, Lyndhurst
 Jennifer D'Amico, Wayne, NJ
 Michael Allen Daniel II, Tiffin
 James P. Darr, Fremont
 André Peter Das, Gahanna
 Jeffrey Allen Daugherty, Columbus
 Yael Davidovitch, Cherry Hill, NJ
 Ross E. Davidson, Jr., Orrville
 Darci Diane Davis, Westerville
 Sharon Joan Davis, Bay Village
 Lori Marie Dean, Lordstown
 Jeffrey Michael DeCocker, Canton
 Greg Rayne Arnold DeGraw, Columbus
 David L. DeMoss, Covington
 Debra Ann Derringer, Centerville
 Carolyn Marie DeSantis, Canton
 John Michael Detzel, Dayton
 Ronald Steven Dewey, Cincinnati
 Jill Bonnie Diamond, Hazlet, NJ
 Bryan Keith Dixon, Westerville
 Stephanie S. Dixon, Millersport
 Michele Therese Doheny, Bay Village
 Robin Beth Dolin, Toledo
 Julie A. Donatelli, Akron
 Christopher Edward Donohue, Lancaster
 Christine Lynn Dreps, Toledo
 Nancy Reeb Driggs, Columbus
 Brad John Dubros, Columbus
 William Earl Dun, Columbus
 Gregory A. Duncan, Jackson
 Jeffrey E. Dye, Columbus
 Scott P. Eakins, St. Clairsville
 Barbara Lea Earnheart, Pataskala
 Steven Peter Eastwood, Upper Arlington
 Tina L. Eckstein, Galion
 Sandra Jean Edgar, Powell
 Rebecca Ann Eger, Dublin
 Shelley Jean Eger, Lloydminster, Saskatchewan, Canada
 Pete R. Eggspuehler, Dublin
 Ronald Eugene Elliott, Wapakoneta
 Holly Ann Elston, Convoys
 Nancy Lee Emery, Worthington

Joseph Walter Emrock, Lorain
 Victor C. Enis, Columbus
 Teresa Jean Ewing, Akron
 Donald Joseph Fasick, Springfield
 Jonathan Douglas Faust, Dayton
 Janice Marie Fazekas, Maple Heights
 Bradley Joseph Fazio, Columbus
 James Ray Fear, Lima
 Brian Lee Fehlan, Wellington
 Vincent Carman Feorene, Niles
 Ronald Alexander Figurella, Canton
 Edwin Thomas Filippini, Jr., Chicago, IL
 David J. Finkelstein, North Woodmere, NY
 Kevin Gerard Fisher, Upper Arlington
 Sherry Lynn Fisher, Prospect
 Karen Ann Fitz, Westerville
 John Kennedy Fitzgerald, Parma Heights
 John Michael Fitzmartin, Columbus
 Mary Elizabeth Fitzpatrick, Auburn, NY
 Michael Patrick Flanagan, Clevelands
 Brian Keith Flowe, Cincinnati
 Martin Joseph Flowers, Lancaster
 Scott Allan Forsythe, Lincoln, MA
 Thomas Charles Foster, Worthington
 Christopher Nicholas Fountas, Key Biscayne, FL
 Elaine Jo Foust, Columbus
 Kathleen L. Fox, Canton
 Donna Louise Francetic, Euclid
 Richard Brooke Frankenberg, Worthington
 Ryan Keith Freimark, Centerville
 Todd Adams French, Elida
 Bruce Howard Friedman, Akron
 Daniel Howard Friedman, Evanston, IL
 Kimberly Ann Fugett, Cincinnati
 Thomas Eugene Fulscher, Columbus
 William Joseph Fulton, Hudson
 Tin Yue Fung, Hong Kong, Hong Kong
 Michael Eugene Funk, Columbus
 Shelley Dawn Furniss, Marion
 Theresa Lynn Gabel, Tiffin
 Lynn Frances Galida, Campbell
 Nora Elizabeth Gallagher, Troy
 Douglas Joseph Ganim, Solon
 Matthew Allan Garland, Westlake
 David Richard Garner, Solon
 Douglas Kevin Garrison, Cincinnati
 Brian Reid Gates, Mansfield
 Michael B. Gebbie, Reynoldsburg
 Lisa Ann Geier, Delphos
 Connie Georgas, Lorain
 Scott Donald George, Cincinnati
 Pamela J. Gerdeam, Delphos
 James Robert Gerhart, Delaware
 Joseph Massey Gerwin, Terrace Park
 Lisa Cori Gilbert, Akron
 Kristin Alayne Glass, Columbus
 Lisa Beth Glick, Shaker Heights
 Daniel Fred Goldstein, Beachwood
 Vernon Marc Gordon, Dayton
 Joan Rose Grabnar, Kirtland
 Douglas Richard Graesser, Centerville
 James Robert Graham, Columbus
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 Deirdre Rhea Grigsby, Huber Heights
 Michelle Ann Grillot, Centerville
 John Paul Grippshover, Scotia, NY

John Andrew Haddow, Columbus
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 Constance Caldwell Harmon, Johnstown
 Dennis Cameron Harrington, Worthington
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 Timothy Patrick Hart, Toledo
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 Rosie Marie Herren, Reynoldsburg
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 Jeffrey Scott Kale, Toledo
 Yvonne Marie Kanne, Westerville
 John Eric Kanoski, Columbus
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 Robert Mark Katz, Baldwin, Long Island, NY

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 Robert Arthur Kelley, Jr., St. Louis, MO
 Sarah Norwood Kelly, San Diego, CA
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 William Robert Kennedy, Upper Arlington
 Philip Edward Kent, Cheshire, CT
 Jennifer Lynn Kern, Worthington
 Karl J. Kessler, Powell
 Yusuf Abdi Kheire, Mogadishu, Somalia
 Steven Martin Kiley, Columbus
 Seow Ling Kim, Republic of Singapore
 Dan Joseph King, Westerville
 Nancy Alta Kingsland, Millersburg
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 Lesa-Rae Kočjan, Niles
 Susan Kay Koflowitch, Huber Heights
 Keith P. Kohler, Aurora
 Jeffrey Thomas Kolda, Columbus
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 Scot David Kruger, Stow
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 Stephanie Ann Lackritz, Lyndhurst
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 Sharon Mackay, Middleburg Heights
 Douglas Todd MacLean, Columbus
 William Edwin Maginn, Columbus
 Robert Charles Maginnis, Pickerington
 Budd Elliot Malchus, Jr., North Olmsted
 Robert James Maloney, Columbus
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 Joseph P. Martin, Cleveland
 Rhonda Lynn Martin, Shelby
 Scott Vance Martin, West Chester
 Laurie E. Martt, Columbus
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 Michele Master, Sylvania
 Eli Matalon, Columbus
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 Patricia Marie Matushoney, Chillicothe
 Daniel Robert Maust, Middleburg Heights
 Lisa K. Maxwell, Worthington
 Richard Michael Mazer, Columbus
 Gregory Laurence McAllister, Cedar
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 Timothy Edwin McCain, Canton
 Michael Charles McCoy, Columbus
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 Cynthia L. McElroy, Wadsworth
 Darryl Kenyatta McFarlane, Teaneck, NJ
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 Margaret Ann McLaughlin, Columbus
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 Lisa Ann Meholic, Johnstown
 Tracy Lynn Mercer, Walhonding
 Lori Ann Merriam, Newark
 Paul Bernard Meshanko, Bexley
 Cheryle Jean Metro, Uniontown
 David Edward Metz, Morrow
 Robert Lynn Metzger, Pickerington
 Vickie Ann Metzger, Columbus
 Michele Ann Meyer, Wilmington
 James Adam Mihalik, Avon Lake
 Elizabeth Ann Milbrandt, Avon Lake
 Jodi Coleen Miles, Columbus
 Linda M. Miller, Westerville
 Lisa Rose Miller, Columbus
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 Eric James Mitiska, Vermilion
 Christopher James Modd, Kenton
 Angela Marie Mollica, Athens
 Michael Joseph Montgomery, Columbus
 Pamela Sue Moore, Reynoldsburg
 Christina Marie Moran, Vandalia
 Bonnie Ellen Morris, Columbus
 Andrew Scott Morrison, Pataskala
 Mary Elizabeth Morrison, Parma
 James Paul Mortensen, Upper Arlington
 Scott Alan Moses, Fairlawn
 Michael Edward Mozina, Salem
 Mary Josephine Murphy, Lakewood

Mary Margaret Murphy, Bay Village
 Kimberly Sue Murray, Mansfield
 Eric Randolph Musser, Richmond, VA
 Susan Jean Nally, Columbus
 Charles Richard Neff, Pataskala
 William Alex Nemeth, Jr., Medina
 John Michael Neuhart, Lima
 Pamela Beth Newman, Moreland Hills
 Kimberly Coreen Newsom, Frazesburg
 Beth Ann Newton, Dublin
 Nam Thanh Nguyen, Painesville
 Brenda Lee Null, Lima
 Merrill Lloyd Oakes, Portsmouth
 Susan Marie O'Brien, Columbus
 Paul Robert O'Keefe, Columbus
 Marnie Ann Opitz, Fostoria
 Steven James Opperman, New Bremen
 David Alan Orr, Columbus
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 Thomas Patrick Osif, Westlake
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 Jeffery Allan Oyster, Upper Arlington
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 William M. Painter, Pittsburgh, PA
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 Susan Kaye Palmer, Brook Park
 Patricia L. Palmieri, Columbus
 Robert Dennis Palmieri, Columbus
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 Douglas Craig Pannier, Worthington
 Penny Beth Parker, Worthington
 Monica Margaret Pater, Tabb, VA
 Tammy Lyn Patton, Reynoldsburg
 Michelle J. Paxton, Johnstown
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 David Glen Price, Marion
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 Karyn Sue Schmeck, Edgewater Park, NJ
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 James Allen Scott, Mansfield
 Jay Robert Scott, Centerville
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 Julie Anne Smith, Dover
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 Debra Lynn Snyder, Grove City
 Susan Carol Snyder, Massillon
 Catherine Sobolewski, Worthington
 Michael Scott Sokol, Lakewood
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 Singapore
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 Gene Franklin Tate, Wheelersburg
 Chin Yee Tay, Melaka, Malaysia
 Gary Allen Taylor, Tiffin
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 Chong Keat Teoh, Georgetown, Penang,
 Malaysia
 Michael Glenn Thomas, Pickerington
 Nesley Elinda Thomas-Osborne, West
 Jefferson
 Diane Sue Thompson, Marion

Thomas Russell Thompson, Waverly
 Tracy Sue Thompson, Amherst
 Julie A. Tilson, Pickerington
 Jeffrey Paul Timen, Mayfield Heights
 Shannon Marie Timperman, Worthington
 Carla K. Torcasio, North Canton
 Stephen John Tortora, Columbus
 Fran Maria Tosi, Delaware
 Thomas Donald Toskin, Newark
 Omar M. Toukan, Columbus
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 Todd Joseph Treon, Versailles
 Jon Joseph Tribble, Willoughby
 Michael Edward Troolin, Mansfield
 Michele Danielle Trujillo, Pickerington
 Julie Lin Trusler, Uniontown
 Beth Ann Tucker, Logan
 Mark Lawrence Tucker, Hilliard
 Kelly J. Tura, Pepper Pike
 Jill Frances Marie Turner, Bucyrus
 David Allan Turf, Cleveland
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 Michael Scott Tussey, Milan
 Richard Kiernan Ullman, Orange, NJ
 Thomas Richard Ulrich, Huron
 Jody Scott Underwood, Piqua
 Karen Beth Valentine, Dayton
 William Vance, Newark
 Robin Beth Vander Ven, Grand
 Rapids, MI
 Robert Arthur Verhoff, Delphos
 E. Roberta Wade, Galion
 Jill Marie Wagner, Brook Park
 John T. Wagner, Bloomingdale
 Bradley Alan Wahl, Wooster
 Leslie Anne Wallace, Panama, Republic of
 Panama
 Theron Wallingford, Chillicothe
 Charles Eric Walters, Columbus
 Douglas Richard Walters, Saddle
 River, NJ
 Jennifer Jane Walters, Dublin
 Jonathan Paul Walters, Euclid
 Sharon Elizabeth Walters, Mansfield
 William David Walters, Groveport
 Valerie Marie Warner, Louisville
 Christine Kay Washburn, Morral
 Karen Glenn Wasielewski, Cincinnati
 Douglas Scott Wassell, Beaver Creek
 Joseph Anthony Wassink, Elida
 Christine Marie Watson, Sagamore Hills
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 Panpilas Wattanasarn, Worthington
 Peggy Ann Wauben, Delphos
 James K. Weaver, Defiance
 Lisa Anne Weed, Logan
 Suzanne E. Weidner, Lancaster
 Tim Lewis Weininger, Sycamore
 Elyse Michelle Weintraub, Akron
 Susan Deborah Weisler, Lyndhurst
 Jeffrey Scott Weisman, Solon
 Cheri Lynn Wharton, Centerville
 Matthew Christopher Whelan, Red
 Bank, NJ
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 Brian Richard White, Mayfield Heights
 Sherry Lynn White, Columbus
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 Todd Michael Wilcox, Kenton
 Lori Ann Wilder, Strongsville
 Michael Robert Wilgus, Columbus
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 Amy Beth Willdman, Akron
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 Deborah Annette Williams, Centerville
 Kristofer Kyler Williams, Toledo
 George Anderson Wilson, Columbus
 Michael McAdams Wilson, Columbus
 Derek Tsz-Ming Wong, Hong Kong
 Charles Michael Wood, Toledo
 Howard Perry Wood, Columbus
 Thomas J. Wood, Copley
 Wayne Verr Wooddell, Utica
 Michael Todd Workman, Canal Fulton
 Jeffrey Allen Wrona, Collegeville, PA
 Scott Anthony Wyckoff, New London
 Edward Louis Wysmierski, Stow
 Stacy Yeoh, Columbus
 Myers Leslie Yeomans, Madeira
 Mary Kay Yerina, Westerville
 Peter Bruce York, Xenia
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 Katherine Lynne Zaytoun, Dayton
 John Kenneth Zimerle, Elida
 Dale Edgar Zink, Canton
 Frank Attila Zoltan, Lorain

College of Dentistry

Dean: William R. Wallace

Doctor of Dental Surgery

Robert Randall Allen, Gary, IN
 B.A. (DePauw University)
 Steven Eugene Anderson, Seattle, WA
 B.B.A. (University of Washington)
 George Michael Appel, Rocky River
 B.A. (College of Wooster)
 Susan Michelle Baker, Rochester, NY
 B.S. (Syracuse University)
 Joseph John Baytosh, Jr., Youngstown
 B.A. (Hiram College)
 Christopher Wilson Beckner, Cincinnati
 David Richard Behringer, Defiance
 B.S.
 Ted Allen Beitelschees, Maumee
 B.S.
 Randal Maxwell Benefield, Munroe Falls
 B.A. (College of Wooster)
 Gerhard Alexander Berberich, Mansfield
 B.S.Pharm.

Richard Michael Berger, Merced, CA B.A. (University of California-San Diego)	Steven Brian England, Worthington B.S. (Southern Missionary College)	Thomas Robert Hughes, Lakewood B.S. (Ohio University)
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B.A. (Miami University)

Lytha Kay Miller, Dayton

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Timothy Andrew Morris, North Royalton
B.S. (Cleveland State University)

David Roy Muckler, Chillicothe
A.B. (Indiana University)

David Meredith Murphy, Sandusky
B.A. (Miami University)

Kenneth Charles Myers, Elyria
B.S. (Ohio University)

Jeffrey Michael Nash, Zanesville
B.S. (Ohio University)

Thomas Richard Nymberg, Cincinnati
B.S. (University of Cincinnati)

Frank Francis Omerza, Cleveland
B.S. (John Carroll University)

Steven Everett Parker, Canton
B.A. (Case Western Reserve University)

Thomas Michael Paumier, North Canton
B.S.

Gregory Joseph Pohl, Coldwater
B.S. (University of Cincinnati)

Mark Scott Polasky, Cincinnati
B.S. (University of Cincinnati)

Cynthia Jean Popa, Atwater

Donald Lawrence Potts, Dayton
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Dale Bowen Puterbaugh, Cincinnati
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Forrest Lance Quattro, Grossie, IL
B.S. (John Carroll University)

Mark David Raisch, Germantown
B.A. (Miami University)

Jane Elizabeth Ray, Cincinnati
B.A. (Miami University)

Keith Eric Reber, Youngstown
B.S.Pharm.

Richard Roland Ricci, Riviera Beach, FL
B.A. (University of South Florida)

Claire Justine Ritter, Cincinnati
B.S. (Wright State University)

Julie Spettel Roberts, Norwalk
B.S. (University of Akron)

Jonathan David Robinson, Akron
B.S. (Northern Arizona University)

Keith Allan Schmidt, Austintown
B.A. (Miami University)

Darrell Grant Selig, Cincinnati
B.A. (Indiana University)

Christine Marie Sens, Sandusky
B.A. (Miami University)

Gerald Sisko, Akron

Craig Allen Slack, Granville
B.S.Ed. (Miami University)

Jeffrey Richard Slavkovsky, Youngstown
B.S.Pharm.

Nicholas Eugene Smith, New Richmond
B.S. (University of Cincinnati)

Jeffrey Allen Stang, Elyria
B.S. (Ohio University)

Michael Evan Steinberg, Scottsdale, AZ
B.S. (Arizona State University)

Daniel Thomas Stewart, Wooster
B.S. (Allegheny College)

Wanda Elaine Mundy-Stewart, Yellow
Springs
B.S. (Central State University)

Darius Alan Talebi, Columbus
B.S.

James Hincken Tanner, Aurora
B.A. (Bucknell University)

James Carl Tauschek, Westerville
B.A. (Ohio Wesleyan University)

Pedro Luis Teixeira, Chino, CA
B.S. (California State Polytechnic
University)

Jonathan Michael Torma, Bayside, NY
B.A. (State University of New York at
Binghamton)

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B.S. (Pennsylvania State University)

Mark Roger Vermillion, Brookville
B.S. (Wright State University)

Michael Bradshaw Vitt, Larchmont, NY
B.A. (Ohio Wesleyan University)

Christine Marie Wallace, Columbus
B.S.

Douglas Bailey Weinman, Kettering
B.S.

Robert John Weisenburger, Pemberville
B.S.

Mark Scott Wenzel, Columbus
B.S.

Todd William Westhafer, Dennison
B.S.

Carl Henry Wheeler, Grove City

Mark A. Wilkinson, Louisville
B.S.

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B.S. (Allegheny College)

Terrance Joseph Wolf, Canfield
B.S. (University of Notre Dame)

Douglas Lee Yoshino, Chesterland
B.A. (University of Toledo)

Philip Leslie Younts, Oxford
B.A. (Miami University)

Bachelor of Science in Dental Hygiene

Tamera Sue Boyle, Solon
Constance Lynn Duecker, Chippewa Lake
Lawrence Edward Gamby, Defiance
Jo Ellen Taylor, Morristown, TN
Mary Jo Yaroma, Fairview Park

Certificate of Graduate Dental Hygienist

Mary Jo Besancon, Orrville
Patricia Ann Bisesi, Ashland
Edith Olivia Burkhart, Woodsfield
Susan Marie Carey, Mason
Robin Renee Craig, Red House, WV
Carol Theresa Culley, Urbana
Kimberly Ann Farey, Canton
Margaret Ann Gedeon, Rocky River
Dean Robert Gladura, Parma Heights
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Sheri Lee Green, Loveland
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 Laura Staker Hipps, Mansfield
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 Kris Ann Kingsley, Chesterland
 Sheriess Ann Kraig, North Olmsted
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 Amy Mayfield, Fayetteville, AR
 Melissa Dianne Moats, Akron
 Jennifer Michele Paige, Chillicothe
 Sandra Dee Preston, Columbus
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 Ellen Madeline Tzagournis, Columbus
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 Julie Kay Ward, Kettering
 Sally Ann Zifer, Dover

Steven Daniel Brobst, Groveport
 Joyce R. Brown, Mechanicsburg
 Mary Kate Brown, Columbus
 Nancy Kay Brown, Botkins
 Jacqueline E. Browne, New York, NY
 Teresa Lynn Buchholzer, Delaware
 Beth Ann Burgett, Louisville
 John Alan Burkholder, Highland Heights
 Kathryn Jeanne Burkley, Columbus
 Gregory Allen Burlile, Fletcher
 Peter Andrew Cantor, Pittsburgh, PA
 Elena Marie Capozziello, Columbus
 Carmen Marie Caprella, Lima
 Carrie Ann Cardis, Munroe Falls
 Caren-Lynn Carlisle, Loudonville
 Randall Anthony Carmel, Mansfield
 Mary Jean Carr, Loudonville
 Doran Michael Carrier, Canton
 Kelli Ann Castanien, Canton
 Margaret Ann Cave, Worthington
 Jodi Aleese Chaiten, South Euclid
 Susan Blake Chaney, Plain City
 Mamie Wallace Chichester, Plain City
 Autumn Renee Christman, Mansfield
 Brad A. Clendening, Xenia
 Gay Ellen Clodfelter, Granville
 Margaret Clare Conlon, Marysville
 Carol Susan Cordea, Monroe
 David Andrew Cornwell, Columbus
 Kimberly Diane Cottrill, Logan
 Gregg Owen Courtad, Columbus
 Mark David Crabtree, Columbus
 Kathy Jean Dain, Columbus
 Roland Bernard d'Amato, Columbus
 Joni Anne Daniel, Bucyrus
 Kelton Danner III, Warren
 Sabo Adamu Dan 'Yaro, Bauchi, Nigeria
 Lou Byers Daum, Marysville
 Jeanette Dean, York Center
 David Ann DeGood, Marion
 Deidre Michele Dejeu, Toledo
 Rhonda Sue Dennis, Columbus
 Marilyn Floyd Dennison, Marion
 Catherine Agnes Dickson, Marietta
 Michael Lafayette Dodds, Hilliard
 Nancy Ann Dundon, Mentor
 Kathleen Elizabeth Durkin, Columbus
 Jeffrey Mark Eakins, Harrod
 Ronda Jo Ebersole, McConnelsville
 Linda Marie Eckart, Akron
 George Alexander Edmonds, Jr., Columbus
 Jill Eikenbary, Columbus
 Lame Ahamed El-Yakub, Bauchi, Nigeria
 Gina Marie Emanuel, Warren
 Carolyn Marie Evans, Dublin
 Wayne Aaron Faires, Powell
 Sheila Kay Ference, Columbus
 Mark Richard Finneran, Boardman
 Amy Firmin, Wooster
 Marie Ann Foeller, Pickerington
 Dorothy Marie Forte, Newark
 Lance André Francis, Sidney
 Suzanne Beth Friedman, Solon
 Cheryl Lee Fritz, Dayton
 Lisa J. Fromson, Pepper Pike
 Joyce Ann Gaff, Lexington
 Andrew John Gaietto, Tiffin
 Christopher Gecik, Toledo

Susan Virginia Geiger, Rocky River
 Marsha Kay Genteline, Gahanna
 Linda M. Gephart, Lima
 Jill Suzanne Gerke, North Olmsted
 Suzanne Kathleen Gilkey, Weirton, WV
 Cheryl Sue Gillilan, Groveport
 Allison Gilmore, Beachwood
 Sara Jo Glatz, Granville
 Laurie Michelle Goldmeier, Denver, CO
 Daniel Eugene Goodwin, Belpre
 Elizabeth Ann Goodwin, Strongsville
 Joyce Teresa Gosmeyer, Fairfield
 Edwin Howard Gosney, Martins Ferry
 Thomas David Grandy, Bucyrus
 Nancy Beth Grau, Blissfield, MI
 Trevor Edward Gregg, Marysville
 Ann Frances Griffith, Warren
 Ralph Frederick Grimes, Marysville
 Daniel Edward Gross, Strongsville
 Nancy Mary Gross, Norwalk
 Connie Sue Groves, Mansfield
 Cynthia Ann Guess, Lima
 Cynthia Ann Guild, Lexington
 Susan Kay Guzzo, Columbus
 Stacey L. Haas, Orrville
 Manette Hale, Columbus
 Scott Addison Hamilton, Columbus
 Amy Farris Hamrick, Columbus
 Christopher Lee Hasebrook, Westerville
 Deborah S. Haskell, Columbus
 Elizabeth Juanita Heath, Lima
 Pamela Kay Heidlebaugh, McComb
 David John Heinke, Columbus
 Sheryl Ann Heiss, Mentor
 Shelley Lynn Held, Gahanna
 Gwendolyn Gaye Heller, Marion
 Anne Christine Herring, Lima
 Jodi Lynn Hess, Toledo
 John Scott Hickman, Worthington
 Margaret Mary Hickman, Wapakoneta
 Kathlene Sue Hicks, Conneaut
 Julie K. Hill, Dix Hills, NY
 Nancy Kay Hinger, Thornville
 Judith E. Hoersten, Lima
 Becky Ann Hoff, Columbus
 Anna Maria Hohwald, Erie, PA
 Lisa Jean Hollaway, Waldo
 Teresa Gayle Hopson, Washington Court House
 Jane Ellen Houg, VanWert
 Amy L. House, Westerville
 Kelly Jane Hoyt, Columbus
 Traci Marie Hunter, Reynoldsburg
 Amin Zachary Huseyn, Bauchi, Nigeria
 Regina Kay Hutchinson, Gahanna
 Karen Sue Hyland, Marysville
 Christine Anne Ignaut, Westlake
 Deirdre Elaine Ingram, Shelby
 Jeffrey Jon Jerabek, Mentor
 Lois Marie Jeske, Rocky River
 John Keith Johnson, Salesville
 Gary Evan Johnston, Columbus
 Lisa Ann Jones, Ottawa
 Lisa B. Jones, Columbus
 Lisa Ann Kader, Sugar Grove
 Constance Marie Kaiser, North Olmsted
 Joan Elizabeth Kane, Toledo
 Gregory Mathew Karaffa, Seven Hills
 Daudu Bello Katagum, Bauchi, Nigeria

College of Education

Dean: Donald P. Anderson

Bachelor of Science in Education

Yusufu Dagonjeji Ahmed, Bauchi, Nigeria
 Bawa Abdulrahman Alabura Gabanga, Bauchi, Nigeria
 Carol Sue Alfman, Cambridge
 Michele Vollmer Allen, Pataskala
 Sarah Arlene Allman, Coshocton
 Mary Ellen Amos, Gahanna
 Denise Marie Anderson, Shadyside
 Sandra K. Anderson, Mansfield
 Sani Ari, Bauchi, Nigeria
 Bruce R. Ault, Columbus
 Mohammed Bello Babangida, Bauchi, Nigeria
 Neil Scot Badertscher, Bluffton
 Beth Ann Badger, Groveport
 Mary Katherine Balas, Fairview Park
 Kenneth Scott Ball, Sidney
 Michelle Lynn Barnd, Shelby
 Mary Elizabeth Barr, Fremont
 Yvonne Denise Basch, Mayfield Heights
 Kelly Diane Bash, Forest
 Jeffrey James Beale, Columbus
 Yusufu Ahmed Bello, Bauchi, Nigeria
 Teresa Ann Bennett, Columbus
 Judith Ann Berner, Lima
 Holly Sue Bernzweig, Beachwood
 Mary Jo Besancon, Orrville
 Lisa Marie Bettio, Stow
 Joseph F. Bianco, Lima
 Patricia Ann Bisesi, Ashland
 Brandi Boyer, Granville
 Michelle Anne Boyer, Lima
 Kenneth Allen Bradley, Jr., Grove City
 William Richard Brand, Columbus
 Lisa Marie Brauer, Wadsworth
 Bradley Frazier Briggs, Lancaster

Ruth Hessler Katterhenrich, Grove City
 Katherine Patricia Keil, Toledo
 Sherry Louise Keller, Hebron
 Melissa Ann Kentner, Wapakoneta
 Gayle Elizabeth Kerber, Columbus
 Susan Marie Kesseling, Plain City
 Amy Elizabeth Ketner, Ottawa
 Janet Lavelle King, Marion
 Kimber Lucille Kinkead, Columbus
 Melissa Jane Kinsey, East Liverpool
 Jane Louise Klein, Lorain
 Carl Leonard Kniece, Westerville
 Jay Arno Koehler, Grove City
 Leslie Louise Kopral, Bridgeport
 Danielle Kost, Vermilion
 Sheriess Ann Kraig, North Olmsted
 Rebekah Jane Kreider, Coshocton
 Beverly Kruger, Shaker Heights
 Anne C. Kundert, Bellefontaine
 Richard Allen Kundert, Bellefontaine
 Jacqueline Sara Kurtz, Cleveland
 Karin Lynne Kurtz, Bucyrus
 Annette Lampton, Lima
 Kimberly Ann Lanane, Columbus
 Lynn Patrick Landis, Lancaster
 Michele Reese Lane, Columbus
 Nanette Marie LaVergne, Findlay
 Julie Mae Layman, Strongsville
 Scott Haywood Leach, White Plains, NY
 Mi Sook Lee, Columbus
 Tara Ann Lee, Dresden
 Jeanine Louise Leech, Mansfield
 Melanie Ann Lehman, New Madison
 Diane Sue Leith, Pleasantville
 Lola Lynne Lentol, Lima
 Laura Ann Lewandowski, Worthington
 Kathy Ann Linstedt, Waldo
 Christopher Robin Lisi, Willoughby
 Deidra Irene Long, Mt. Gilead
 Victoria Ann Lorenz, Coshocton
 William Steve Lutgen, Columbus
 Lynn Kathryn Luthern, Hubbard
 Linda Carol Lyons, Cleveland
 Michael Paul Mack, Defiance
 Elizabeth Jean Madison, Zanesville
 Karen Marie Mallarnee, Carrollton
 April Lynn Marcus, Columbus
 Gale Lynn Markus, Columbus
 John Robert Matchett, Coshocton
 Jennifer Kay Mathews, Medina
 Dora Nadine Maurer, Monticello, NY
 Michael S. Mazzon, Columbus
 Robyn Marie McDonald, Cleveland
 Kimberlie Dianne McManaway,
 Mt. Vernon
 Katherine Mary McPolin, University
 Heights
 Anne Jones McTurner, Columbus
 Kelly Lynn McWilliams, Massillon
 William Kyle Menchhofer, Celina
 Thomas Ronald Mercer, Cincinnati
 Stevens James Merena, Schaumburg, IL
 Deborah Lynn Merz, Columbus
 James Edward Metcalf, Bucyrus
 Carl Albert Metzger, Shelby
 Diana Lynn Metzger, Shelby
 Gary Eugene Mikes, Bysville
 Lori Jean Miller, Toledo
 Natascha Miller, Groveport

Scott Russell Miller, Delaware
 Mindy Ellen Minkin, Bexley
 Muhammad Misau Musa, Bauchi, Nigeria
 Stuart Michael Moats, Johnstown
 Elizabeth Ann Montgomery, Akron
 Jennifer S. Moore, Gates Mills
 Kendra Kaye Moore, Worthington
 Michele Renee Morris, Woodsfield
 Christine Lynn Morrison, Seville
 Michael Patrick Moyer, Milan
 Anne Lorene Mueller, Mansfield
 Abubakar Bajoga Muhammad, Bauchi,
 Nigeria
 Michael Douglas Munsell, Columbus
 Carolyn Suzanne Murley, Columbus
 Rebecca Lynn Murphy, Sunbury
 Michele Therese Murtha, Worthington
 Roger Lee Myers, Ottawa
 Kathleen Mary Nelsen, Dublin
 Cynthia Lynn Nelson, Mansfield
 Elizabeth Anne Nelson, Waukesha, WI
 David Alan Nickol, Cincinnati
 Helen Jane Nilsson, Columbus
 Susan Marie Noble, Westerville
 Susan Marie Noe, Toledo
 Molly Ann Norris, Columbus
 Doris A. Oberlin, Columbus
 Kevin Michael O'Connor, Columbus
 Susan Marie Olivier, Chagrin Falls
 James Richard Otte, Columbus
 Virginia Kathleen Paap, Delaware
 Jennifer Michele Paige, Chillicothe
 Daniel Joseph Paoletti, Columbus
 Debbie Ann Parcher, Marion
 Joseph Alan Parsell, Mt. Blanchard
 Kristina Maria Pashovich, Columbus
 Renee Robin Pearson, Columbus
 Sharon Sue Pfahler, Pickerington
 Marianne Philip, Westerville
 Lisa Ann Piciachio, Brewster
 Christine Marie Pillin, Poland
 Richard Lee Pogue, North Olmsted
 Kathleen Donahue Porteus, Columbus
 Karen H.B. Prost, Pataskala
 Beth Lynn Radman, Columbus
 Sharon Kaye Randles, Coshocton
 Robert Allen Recker, Cincinnati
 Tracy Diane Reeb-Matthews, Gahanna
 Amy Lynn Reese, Franklin
 Katherine Golden Reiser, Columbus
 Stephen Craig Reiss, Frazzysburg
 Lawrence Albert Reitz II, Zionsville, IN
 Kara Kai Renshler, Columbus
 Jessica Jane Renwick, Powell
 Pamela Ann Rhine, Monroeville
 Cari Jo Rhoads, Marion
 Joan Elizabeth Rich, Marion
 Susan Ruth Ridgway, Walton Hills
 Leah Marie Rindfleisch, Worthington,
 Nicole Diane Rinehardt, Columbus
 Susan Gay Ripple, Columbus
 Julie Ann Roehrenbeck, Columbus
 Ellen B. Romisher, Lyndhurst
 Kelly Marie Rowland, Columbus
 Sandra Marie Rowley, Columbus
 Alice Elizabeth Rozic, Mansfield
 Faye Ann Ruhl, Bucyrus
 Carole Lynn Runyon, Bellefontaine
 Regina Marie Russell, Canal Winchester

Leslie O. Ryle, Marion
 Christine Marie Saeger, Columbus
 Murtala Sani Sambo, Bauchi, Nigeria
 Marsha Renee Sarver, Marion
 Renee Michelle Sawaya, Worthington
 Patricia Lynne Schneider, Centerville
 Joan Marie Schulze, Dayton
 Thomas Michael Schwarz, Columbus
 Pamela Bentley Scott, Mansfield
 Thomas Allen Selvage, Jeromesville
 Terrence Nevin Siders, Columbus
 Cynthia Anne Signore, Columbus
 Elaine Marie Skybo, Columbus
 Oleva A. Smith-Stanley, Edison
 Jill Denise Snader, Columbus
 Lisa Faye Soble, University Heights
 Virginia Louise Spears, London
 Amy Lynn Spencer, Columbus
 Jennifer Lynn Spiker, Elyria
 Russell Perry Sponsel, Stone
 Mountain, GA
 William Henry-Edward Spratley, Dublin
 Gayle Ellen Stadt, Mt. Sterling
 Timothy Gene Staley, Bluffton
 Kathryn Ogan Stapleton, Washington
 Court House
 Sherry Lynn Stauffer, Arlington
 John Paul Steng, Marion
 Tammy Lynn Stewart, Columbus
 Barbara Jean Stockdale, Newark
 Annette Marie Sutt, Mansfield
 Beth Ann Swanson, Lima
 Wilma L. Tanner, Marion
 Anthony Robert Tarantelli, Columbus
 Carol Marlene Temple, Marion
 Laura Katherine Theis, Circleville
 Margaret Eleanor Thompson, Ostrander
 Sara K. Thompson, Columbus
 Kathleen Anne Tighe, Cleveland Heights
 Thomas Matthew Tracy, Lexington
 Tamara Lynn Trump, Malvern
 Chrisanne Louise Turner, Van Wert
 Amy Lynn Twary, Stephenson, VA
 Ellen Madeline Tzagournis, Columbus
 Frances S. Underwood, Columbus
 Joseph Theodore Valentino, Columbus
 Melinda Ann Vandemark, Lima
 Janet Renee Van Zoest, Willard
 Kimberly Ann Vargecko, Orlando, FL
 Susan Elaine Vatures, Delaware
 Elizabeth Anita Vaughn, Granville
 Jennifer Ann Vejdovec, Lakewood
 Michelle Angeline Vogel, Columbus
 Jennifer Ann Wagner, Centerville
 Kristin K. Wakely, Marion
 Stephanie Jean Walderzak, Huron
 Barbara Joan Walker, Lima
 Pamela Gail Walker, Green Camp
 Lori Ann Wallen, Dayton
 Jodell Renee Ward, Gahanna
 Julie Kay Ward, Kettering
 Roger Wade Warner, Columbus
 Craig Matthew Wasielewski, Cincinnati
 Kristin Ellen Webster, Columbus
 Melissa C. Weinbrecht, Columbus
 Jeanne Elaine Weisenauer, Sycamore
 Christopher Eric Wellbaum, Kettering
 Greg Lawrence Westrich, Columbus
 Lisa Ann Wietelmann, Marysville

Jon Dennis Wigtil, Columbus
 Harley Ray Williams, Jr., Orrville
 Margaret Ann Williams, Rocky River
 Christine Anne Wilson, Westerville
 Julie Ann Wilson, Dola
 Kelly Marie Winters, Mason
 Lisa Ellen Witt, Shaker Heights
 Scott Franklin Woodie, Coshocton
 Kimberly Sue Wooten, Caledonia
 Jeffrey Dale Wright, Columbus
 Samaila Ibrahim Yaji, Bauchi, Nigeria
 Miriam Elizabeth Yates, Mechanicsburg
 Deborah Ann Yochheim, Marshallville
 Kathryn Barbara Yoss, Ashland
 Elizabeth Eulalia Young, Columbus
 Linda Lou Yutzy, Columbus
 Allison Lynn Zeno, Ashland
 Debora Lynn Ziegler, Kenton
 Renee Louise Ziegler, Worthington
 Leslie A. Zimmer, Solon
 Melanie Anne Zoller, Columbia Station

Bachelor of Art Education and Bachelor of Music Education degrees are offered jointly by the College of the Arts and the College of Education. Candidates are listed under the College of the Arts.

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Stephen Jeffrey Alter, Youngstown
 Keith Amburgey, Richmond, IN
 Rusty Allan Benson, Jersey
 Robert Raymond Boyd, Spring, TX
 Geoffrey Robert Brown, Seattle, WA
 Charles Alan Bulgrin, Columbia Station
 Donald Hill Campbell II, Huber Heights
 Jeffrey Lee Campbell, Bellaire
 Charles David Carlson, Jr., Charleston, SC
 Robert Joseph Caulley, Grove City
 Timothy Raymond Chambers, Tallmadge
 Joseph Walter Cleland, Tallmadge
 Joseph Edward Coogan, Worthington
 Robert Walton Dallas, Dallas, TX
 Alan Merle Davis, Berea
 Douglas Frank Dolfinger, Delaware
 Sheryl Ann Dougherty, Mayfield Heights
 Leonard Ray Duncil, Middletown
 John Thomas Eichner, Columbus
 Kenneth Joseph Fleming, Mansfield
 William John Gillard, Rochester, MI
 Peter James Glismann, Staten Island, NY
 Paul Dwight Gloyd II, Columbus
 Jonathan Robert Guthrie, Westerville
 Steven Franklin Hastings, Kettering
 Scott Charles Havener, Columbus
 William Edward Herr, Groveport
 Clinton Jay High, Jr., Spring
 Elvin Dean Hirtle, Jr., Gahanna
 Jodi Ann Istenes, Euclid
 James Edward Johnson, Youngstown
 Brian Vitalis Knapke, Kalida

Eric Raymond Kosten, Euclid
 Daniel Phillip Koster, Hudson
 Jeffrey Neil Krahn, Circleville
 Richard Allen Long, La Grange
 Paul Alan Loomis, Sagamore Hills
 Michael Alvin Lybarger, Shelby
 Craig Allen Markusic, Columbus
 Mark Howard Merrick, Worthington
 Pavlos George Mikellides, Larnaca, Cyprus
 Joseph Norman Miller, Columbus
 Marvin Jay Miller, Fredericksburg
 John Patrick Novotny, Avon Lake
 Kathy Ann Nyland, North Olmsted
 Christopher Alan Perhala, Cleveland
 Timothy Alan Priser, Canal Winchester
 George Constantine Proicou, Dublin
 Sandra Gayle Schilling, Gahanna
 Ralph Karl Schweers, Monmouth Beach, NJ
 Frank Richard Seufert, Jr., Cleveland
 Terry Alan Shadday, Pataskala
 Randall Scott Smith, Worthington
 Gerard Regis Snyder, Pittsburgh
 James Bradley Soltisz, Sagamore Hills
 Brian Edward Stephens, Milan
 Michael Angelo Tallarico III, Ingomar, PA
 Eric Heinz Thomas, Cambridge
 Michael Alan Zupancic, Parma

Bachelor of Science in Agricultural Engineering

Victor Manuel Boggiano Pericchi, Caracas, Venezuela
 Joseph Charles Linscott, Marysville
 Robert Brian Morgan, Fairborn
 Melanie Ann Schirtzinger, Columbus

Bachelor of Science in Aviation

Scott Frederick Brown, Amherst
 James David Clark, Mt. Vernon
 Kevin Richard Crocco, Columbus
 Mark Alan Johnson, Springfield
 Vincent Stephen Knitowski, Irvington, NJ
 Darrell Glenn Kuivinen, Fairview Park
 Brett William McCann, Worthington
 Richard Gene McClellan, Bloomdale
 Christopher Alan Perhala, Cleveland
 Craig Stuart Shifferly, Wooster
 Michael Brooks Taylor, New Concord
 John William Villacres, Newark
 Terry Lee Wauben, Cridersville

Bachelor of Science in Ceramic Engineering

Jon Gregory Bobinski, Berea
 Richard Roy Broker, Marietta
 Nancy Ann Crabill, Cincinnati
 Melvin Charles Grimes, Miamisburg
 Judith Louise La Rosa, Parma
 Douglas Strong McKinney, Jr., Huber Heights
 Satinder Kumar Nayar, New Delhi, India

Theresa Elizabeth Sailer, Grove City
 Jeffrey Alan Shunkwiler, Grove City
 Melissa Ann Trott, Zanesville
 Robert Elmer Urig, Avon Lake
 Dean Alan Warner, Akron
 Lee Jeffrey Young, Painesville

Bachelor of Science in Chemical Engineering

Jeffrey David Adams, Cincinnati
 Leila Lutfi Amra, Cleveland Heights
 John Perry Baker, Columbus
 Scott Donald Barnicki, Avon Lake
 Daniel Leonard Canavan, Lima
 Edward H. Chun, Murrysburg, PA
 Susan Patricia Crum, Washington, WV
 Anna Kirsten Danduran, Columbus
 William Clifford Dorman, Jr., Washingtonville, NY
 Mark John Edinger, Ashland, KY
 David Len Gibbs, Worthington
 Karen Sue Graham, Arcadia
 Craig Alan Hempfling, Findlay
 John Edward Hock, Harvey, IL
 Debbie Ann Johnson, Medina
 Fereshteh Khorrami, Tehran, Iran
 Elizabeth Anne Lander, Kettering
 Martin David Legg, Cincinnati
 Ralph Joseph Mancik, Oxford
 Glenn Robert Maxwell, Sylvania
 Maureen Marion McClain, Sullivan
 David Irving Merrick, Worthington
 Norlinda Mohd. Zawawi, Malaysia
 Susan Kay Munson, New Carlisle
 Charles Robert Nutter, Norton
 Mary Lou Patacca, Columbus
 Sombat Pinitpan, Chachoengsao, Thailand
 Charles Edward Rawlins, Cardington
 Anahat Kaur Sandhu, Columbus
 Joseph Charles Sarna, Dover
 Cynthia Dianne Sferra, Steubenville
 Richard William Shields, Columbus
 Kenneth Brian Srail, Parma
 Thomas Joseph Sweeney, Columbus
 Lisa Louise Thomas, Vanlue
 Melinda Kay Thompson, St. Clairsville
 David Wayne Turner, Toledo
 Donna Marie Walter, Northfield

Civil Engineer

John Mathew Schmidt, Roundup, MT

Bachelor of Science in Civil Engineering

MohdHaslan Bin AbdRahim, Batu Pahat, Malaysia
 Mohammad Bin Abdul Raza, Penang, Malaysia
 Basman Ali Al-Sarkhi, Zarka, Jordan
 Ossama Salah-Eddine Baassiri, Sidon, Lebanon
 Bradford Arthur Beckert, Tallmadge
 Karl Eric Billisits, Gahanna

Jonathan Scott Brunot, Greensburg, PA
 Michael Ward Colpetzer, Mentor
 Michael Paul Cyvas, Painesville
 Larry Lee Douglas, Dalton
 William Louis Ferrigno III, Wakefield, RI
 Mohd-Faudzi Bin Hanafiah, Bukit Mertajam, Malaysia
 Christopher Meeks Hartford, Hamilton
 Peter Sheldon Hubbard, Cincinnati
 Ray Douglas Jarvis, Lima
 Robert Jeffrey Johnson, Ada
 Tim Alan Lloyd, Venedocia
 Mohd-Saleh Lob, Perak, Malaysia
 William Carl Mack, Defiance
 Ghiath Malas, Damascus, Syria
 William Jeffery Marit, Amsterdam
 Stephen Casteillon Meizoso, Ross
 Thomas Robert Molls, North Olmsted
 Steven Earl Morton, Galena
 Jennifer Lee Nadalin, Columbus
 Kevin Bruce Nosek, Solon
 Edward David O'Connell, Delaware
 Mary Cathleen O'Malley, Cleveland
 Kristina Pawlikowski, Sanitaria Springs, NY
 Carol Lynn Platell, Seven Hills
 Keith Anthony Ravazzoli, Cincinnati
 David Ray Riggs, Harrisonville
 Eric Barton Sherer, Columbus
 Scott Alan Wilson, Columbus
 Choh Wah Ye, Paloh, Malaysia

Bachelor of Science in Computer and Information Science

Jamal Mohammed Abdallah, Nahf, Palestine
 Ibtissam Alama, Columbus
 Rowena Irene Averon, Pomeroy
 James Dennis Beal, Mansfield
 Laura Lynn Bilicki, Lakewood
 John Patrick Bowen, North Olmsted
 Shaun Patrick Brown, Newark
 Randolph Cole Brubaker, Granville
 Jerry L. Canterbury, North Ridgeville
 Thomas Andrew Caris, New Philadelphia
 Mark Andrew Cibula, Salem
 Bryan Douglas Dobbs, Beavercreek
 Gregory Noel Fenner, Cincinnati
 Gayle Anne Flores, Stow
 Cynthia Ann Forsythe, Vermilion
 Christopher James France, Van Wert
 Dale William Freck, Cincinnati
 Mark Wolfgang Froelich, Shaker Heights
 Jeffri Harold Frontz, Columbus
 Colleen Anne Gaughan, Warren
 Sarah Louise Good, Medina
 Charles Grab, Syracuse, NY
 Fadi Carl Habbouch, Cincinnati
 Mark Anthony Hanna, Parma
 Robert Justin Haschart, St. Bernard
 Craig Burrell Henderson, Coshocton
 John William Jaxtheimer, Jr., Columbus
 Daniel Thomas Kelsey, Dayton
 David Anthony Kralic, Middleburg Heights
 Andrew Louis Kress, Toledo
 William DeVore Lee, Granville

Peter Andrew Lowe, Chesterhill
 Kevin Frank Maisano, Norton
 James David Marwood, Jr., Westerville
 Deya Mahmoud Mashai, Jordan
 Jolyn Marie McCann, Akron
 James Edward McClure, Grove City
 John Daniel McElroy, Cincinnati
 Kevin Scott McJunkin, Westerville
 Joanne Roberta Meesig, Amherst
 Michael Gregory Morgan, Columbus
 John Robert Mudd, Westerville
 David John Ocasek, Medina
 Andrew Robert Oren, Brookville
 David Gordon Orr, New Philadelphia
 Andrew James Overly, Worthington
 Bruno Craig Paganini, Centerville
 Kristine Marie Podojil, Novelty
 Michael A. Pool, Columbus
 Gregory Van Poplos, Westerville
 Steven Lawrence Potash, Toledo
 Mark Allen Prazer, North Canton
 Mahendra Arcot Ramachandran, Madras, India
 Nareshkumar Sasitharan Ratnasingham, Colombo, Sri Lanka
 Anne Elizabeth Ritter, Sandusky
 Shawn R. Sague, South Euclid
 Jeffery Leo Schluep, Columbus
 Gregory Jay Shivener, Amelia
 Cynthia Ann Shroyer, Kettering
 Steve George Stratton, Chagrin Falls
 Susan Marie Vonville, Columbus
 Robert O'Dell Wallace, Columbus
 Yancy David Wessell, Columbia Station
 Abraham Wheeler, New Carlisle
 Hee-Woon Yum, Seoul, Korea

Bachelor of Science in Electrical Engineering

Mitri Jacques Abou-Rizk, Beirut, Lebanon
 Denis Andrew Barry, Elyria
 Michael Robert Berberick, Plymouth
 Keith Nicholas Bobick, Broadview Heights
 Donald Paul Boian, Fairborn
 Thomas Hire Borgstrom, Kettering
 James Michael Bryan, Akron
 William Martin Burckel, Albuquerque, NM
 Tim Michael Cellars, Centerville
 Choeng Meng Chung, Kuala Lumpur, Malaysia
 Michael Paul Clark, Pataskala
 Karen Renee Cline, Centerville
 Russell Arthur Coleman, Dayton
 Patrick Joseph Collins, Fostoria
 Evagoras Demetriou Constantinides, Nicosia, Cyprus
 Craig Matthew Cope, Warren
 Robert James Corbett, Wooster
 Bradley Scott Corsello, Hartville
 Michael Steven Czeiszperger, Dayton
 Bradley Albert Darroch, Brecksville
 Todd Anthony Del Vecchio, Rayland
 Timothy Robert DeWitt, Lyndhurst
 Gregory DiFrank, Toledo
 Russell Edward Donnan, Worthington

Thomas Jefferson Dowd, Waverly, NY
 Kellie Jo Durkin, Roswell
 Gabriel A. Edde, Kettering
 Taan Said El-Ali, Safad, Palestine
 Hussein Mohammed El-haj, Tyre, Lebanon
 Mohamed Elmanjra, Casablanca, Morocco
 Chris Ennis, Shaker Heights
 Michael Francis Fadini, Westwood, NJ
 Douglas William Fisher, Fairfield
 Joseph Andrew Fratino, Euclid
 John Peter Fueger, Lakewood
 David Allen Gadd, Milford Center
 John Lance Gass, Washington Court House
 Dannie Gay, Columbus
 Stephen Price Geohegan, Jr., Cincinnati
 William Yingling Giffin, Lima
 Thomas Steven Gluck, Cincinnati
 Douglas Norman Good, Columbus
 Paul Titus Griesmer, Parma
 Janice Carroll Grogan, Cincinnati
 Yustinus Albertus Gunawan, Madiun, East Java
 Jonathan Eric Harper, Fairfield
 Scott Thomas Harrison, Centerville
 John David Hawk, Lima
 James Robert Hessler, Columbus
 Douglas James Hoeffel, Centerville
 Robert James Holubeck, St. Clairsville
 Chia Hwei Debby Hsu, Taipei, Taiwan
 Michelle Lynn Ingmire, Columbus
 Hari Jackson, Cleveland
 Mouhanad Chawkat Kabbara, Tripoli, Lebanon
 Theodore Dimitrios Kareilos, Thessaloniki, Greece
 Hamid Karimnamazi, Shiraz, Iran
 John Stephen Kaufman, Bellaire
 Yee Koon Khoo, Seremban, Malaysia
 Carol Marie Kleman, Delphos
 Joseph Daniel Krajnak, Athens
 Barry Dean Kuban, Port Clinton
 Andrew Dilks Kubit, Glenside, PA
 Stephen Cresent Lamb, Fairborn
 Robert Greathouse Layden, Dayton
 Eldon Gerald Leaphart, Dayton
 Thomas Alan Lechlak, Toledo
 Gary Lee Long, Bloomington, IN
 Mark Thomas Manofsky, Uniontown
 Mouayad Said Masri, Damascus, Syria
 Michael Scott Mathews, Chesterland
 Rodney Dale Maxson, Columbus
 John Adam Melvin, Springfield
 C. Richard Michael, St. Clairsville
 Jeffrey Emerson Miller, Reynoldsburg
 Ali Moghaddar, Columbus
 James David Mulhall, Middletown
 Robert Joseph Munko, Bedford
 Rex Andrew Mykrantz, Wooster
 Gregory L. Orvets, Youngstown
 Mitchel Mark Paliobagis, New Richmond
 Bohdan Michael Palselsky, Parma
 John Eric Pries, Mansfield
 Scott Gerald Raderstorf, Richmond, IN
 Bryan Peter Riddiford, Columbus
 John Richard Roe, Farmington Hills, MI
 Elias George Rogaris, Kingston, NY
 Jeffrey Michael Rose, Middletown

Janet Marie Schmidt, Paoli, PA
 Craig Allan Severson, Lakewood
 Fung Chi Shuen, Hong Kong
 Jeffery Scott Siferd, Beaver Creek
 Raymond Edward Slyh, Hilliard
 Michael Lee Snedden, Zanesville
 Carl Richard Snezek, Avon Lake
 Edward Arthur St. Jean, Mt. Vernon
 Todd Alan Studer, Akron
 Joseph David Suever, Delphos
 R. Michael Taylor, North Ridgeville
 Larry D. Turvey, Jr., Springfield
 Robin Lee Vaughn, Caledonia
 Mark Paul Vennemeyer, Vandalia
 Curtis August Waldrop, Newark
 Anthony John Wenner, Lancaster, PA
 Jeffery Allen Wheeler, Kettering
 David Lee Wigal, Martins Ferry
 Anne Marie Wood, Willoughby Hills
 Ung Ho Yi, Columbus
 Anna Marie Zidar, Cleveland
 Paul Anthony Zidek, Centerville

Bachelor of Science in Engineering Physics

Thomas Edward Barrett, Columbus
 Charles Cornell Booth, Granville
 Leonard Leroy Boyer, Jr., Lima
 Charles W. J. Frayne, Jr., Springfield
 Christopher Martin Kalivoda, Cleveland
 Michael Wayne Karver, Whitehall
 Stephen Eugene Losoncy, Whitehall
 Robert Anthony Maston, Heath
 David L. Shaad, Nashport
 Jason Arthur Taylor, Xenia
 Paul B. Wilson, Niles
 Paul Anthony Zidek, Centerville

Bachelor of Science in Industrial and Systems Engineering

Kelly Ross Ackley, Sardinia
 Thomas Ancher Ammentorp, Middletown
 Ronald Paul Berelsman, Delphos
 Keith Allen Brown, Tipp City
 Susan Elizabeth Cardwell, Milan
 Shawn Andrew Cartmell, Columbus
 Barry Wayne Chambers, Belpre
 Mehmeddin Najmeddin Charaf, Damascus, Syria
 Nancy Ann Comparin, Blacksburg
 Mary Melillo Cooley, Centerville
 Robert Randolph Elseth, Vestal, NY
 Lynn Eugene Fancey, Marysville
 Leisa Ann Fonte, Magnolia
 Scott Andrew Freese, Medina
 Frank Rudolph Glowacki, Mentor
 Gary Ronald Glozer, Berea
 Stephen Martin Good, Kettering
 Antoine Y. Haikal, Cleveland
 Joseph Allen Heater, Findlay
 Veronique Jeanne Jarrett, Grove City
 Lesa Faye Jenkins, St. Marys
 Cara Noel Jewett, Hamilton
 Deborah Ann Keplinger, Wheelersburg
 Darlene Marie Kleman, Columbus

Mark Edward Kline, Sarasota, FL
 Timothy Charles Krieger, Worthington
 James Ronald Langkamp, Gahanna
 James Neal Lapp, Coshocton
 Jeffrey Jon Lee, Dayton
 Robin Marie Luetje, Farmington Hills, MI
 John Taylor Mattox, Worthington
 Thomas Shane McGinnis, Tipp City
 Anna Marie Meyer, Harrison
 Kathleen Louise Mihalic, Lorain
 Kevin James Mulroy, Hudson
 Raphael Ralph Nissimov, Chillicothe
 Neil James Notestine, Columbus
 Mark Joseph Novatny, Marion
 Thomas Jackson Parkey, Manchester, NH
 Jeffrey Ben Pascoe, Highland Park, IL
 Lana Diane Petrou, Mansfield
 Glennia Ruth Ponder, Xenia
 Joseph John Prince, Beaver Creek
 Gary Martin Pugh, Lima
 Joanne Ellen Ratterman, Worthington
 Marian Sue Read, Toledo
 Amy Louise Rhine, Canfield
 Holly Rowland, Wapakoneta
 Jeffrey Alan Spiesz, Bay Village
 Hok Peng Teh, Penang, Malaysia
 Dat Phat Tran, Columbus
 Laura Marie Untener, Columbus
 Andrew John Westrich, Cincinnati
 Gregory Eli Wolfe, Chatsfield
 Kathy Jo Woken, Crooksville
 Madonna Ann Zupan, Euclid

Bachelor of Science in Mechanical Engineering

Donald Roy Belock, Cincinnati
 Rodney Charles Buxton, Centerburg
 Ronald Barry Cobb, Cincinnati
 Thomas Joseph Creek, Reynoldsburg
 Gregory Scott Elliott, Newark
 Gregory Ray Feldman, Cincinnati
 Chau Chuen Fung, Hong Kong
 Mark Edward Gentry, Martinez
 William Nealy Grawe, Cincinnati
 Douglas Howard Green, Chagrin Falls
 Kenneth Jerome Gregg, Strongsville
 Daniel Joseph Grieshop, Columbus
 Michael Allen Halley, Dayton
 Steven Charles Hokky, Fairview Park
 Paul Dominic Janini, Akron
 James Earl Jones III, Akron
 Michael David Jones, Lima
 Brian David Kaiser, Canton
 Rade Kecman, North Royalton
 Jeanne Ellen Kohnhorst, Pickerington
 Wendy Jo Kornis, Sandusky
 Robert Lawrence Kucinski, East Amherst, NY
 Eric Thomas Kuck, Kenton
 David Louis Kuhlman, New Riegel
 Mary Anne Layden, Cleveland
 Philip Damian LeDoux, Peoria, IL
 Man Him Leung, Whitehall
 David Ying-Feng Lin, Columbus
 Martin Todd Liston, Columbus
 James Lombardo, Columbus
 Steven Joe McFarland, Peebles

Patrick Anthony McLaughlin, Woodsfield
 Kenneth Joseph Melching, Worthington
 David William Meyer, Pickerel, WI
 Daniel Molina, Sheffield Lake
 Todd P. Moreman, Cincinnati
 Scott Richard Mrzena, Mentor
 Dennis Robert Ostendorf, Delphos
 Stuart Loder Park, Mantua
 James Martin Quasey, Coraopolis, PA
 Richard Eugene Quigley III, Kettering
 Bernard James Renggli, Kent
 Eric Mark Richards, Granville
 Raymond Joseph Richards, North Canton
 Carol Celeste Richmond, South Euclid
 Christopher Branden Roehm, McMurray, PA
 Kurt Augustus Rupe, Lancaster
 Chad A. Ruwe, Troy
 David Michael Sabol, Massillon
 James Frank Sistek, Solon
 Jeffrey Paul Smith, Gibsonburg
 Paul Kenneth Smith, Fremont
 Stephen Dale Snyder, Jr., Massillon
 Randall Lee Stull, Mansfield
 Mark James Vesely, Seven Hills
 Patrick Harvey Vieth, Walbridge
 Martin James Waung, Akron
 Charles Howard Wilkinson, Columbus
 James Scott Witherow, Elyria
 John Kelly Wong, Richmond Heights
 Winthrop Gibb Worcester, Akron
 Kristen Elise Yeager, Bellbrook
 Stephen Zehala, IV Galena

Bachelor of Science in Metallurgical Engineering

William Michael Andreski, Parma
 Bruce Everett Baker, Wooster
 Laura Ann Henning, Columbus
 Carl Frank Popelar, Worthington
 Robert Joel Rothchild, Cincinnati
 Bonitta Rochelle Stearns, Columbus
 Wesley Owen Wells, Des Moines, IA
 Lenny Richard Zemon, Cumberland

Bachelor of Science in Mining Engineering

Kenneth Wayne Holland, Middletown
 Steven Eric Jones, Cincinnati
 Walter Clifton Kimball, Cadiz
 Kenneth Edward Lake, Mansfield
 Michael Joseph Matoszkia, Shadyside
 Steven Wesley Roberts, Massillon

Bachelor of Science in Surveying

Jon Robert Ewert, East Syracuse, NY
 Mary Cathleen O'Malley, Cleveland
 Stephanie Paula Young, London

Bachelor of Science in Welding Engineering

Alper Emin Akture, Dayton
Gary Michael Barr, Cincinnati
Jon E. Blackburn, Findlay
Daniel J. Cadotte, Marquette, MI
Glen Robert Campbell, Ontario, Canada
Daniel C. Cassidy, Methuen, MA
Daniel Tongsoop Chang, Springfield, VA
Shawn Mitchell Dodson, Columbus
Christopher Lee English, Dublin
Allen Vance Gibboney II, Grove City
David Charles Gillett, Columbus
Marc Louis Hall, Columbus
James Allan Hammer, Somerset
Bradley Charles Hartley, Pittsburgh, PA
Glen Michael Hergenrath, Phillipsburg
Jeffrey Scott Herron, Mentor
Christopher Jay Hoffman, Waverly
James Paul Hurley, Miamisburg
Douglas Lee Ketron, Eaton
William Andrew Kizer, Columbus
Troy Ronald Knopf, Milford
Edward Eugene Lassaline, Newmarket, Ontario, Canada
Raymond Chi-Wen Lee, Poughkeepsie, NY
Andrew James McGoldrick, Westerville
Troy Dwight Paskell, Zanesville
Bradley Van Reed, Galion
Mark Edward Sapp, Ontario
Mark Donald Schlegel, Solon
Jeffrey Louis Schnabel, Troy
Harold Wayne Seeds, Kirtland
Robert Alan Smith, Upper Arlington
Carl Norman Spencer, Clyde
Robert Daniel Strugar, Middleburg Heights
Daniel Antony Sustar, Wickliffe
Steven William Thompson, Worthington
Douglas Anthony Trimble, Ingomar, PA
Arnon Wexler, Givatayim, Israel
Martin Andrew Wilkinson, Louisville
Barry Christian Worrell, Middletown

School of Architecture

Bachelor of Science in Architecture

Shaharen Abdul Razak, Selangor, Malaysia
Mouine Hassib Abou-Zaki, Ainbal, Lebanon
Drew Ronald Anderson, Defiance
Ros Fatimah Ariffin, Pahang, Malaysia
Jeffrey Adam Ashmore, Columbus
Thomas Paul Beery, Columbus
John Douglas Bell, Shelby
Dean Oliver Berlon, Cincinnati
Markus Bonn, Aschaffenburg, West Germany
Patricia Louise Brett, Ravenna
James Christian Buchanan, Kirtland
Richard Held Buchsieb, Jr., Cambridge
Stephen Albert Busch III, Columbus

Sheryl Renée Byrket, Union
Nicholas Oliver Cassidy, Bowling Green
Christopher J. Cerbo, Monmouth, NJ
Theodore G. Chang, Worthington
Mark Douglas Clapsadle, East Palestine
Scott Michael Conlon, Worthington
Brad Richard Cothorn, Columbus
Juliet Ann Crist, Tiffin
Bradley Allen Dean, Elyria
Anthony Francis Derro, Cheverly, MD
Rose Marcelo Dostal, Cleveland
Stephen Dzurani, Jr., Murrysville, PA
Brian Francis Eichenlaub, Columbus
Scott Allen Erdy, Columbus
David James Faller, Columbus
Greta Jean Gass, Moon Township, PA
Steven Ifeatu Giwa-Amu, Jr., Sabongidda-Ora, Nigeria
Anthony Curtis Green, East Cleveland
Kathryn Ann Grigg, Stow
James Lee Harkin, Phoenix, AZ
Douglas Lee Hayes, Mt. Gilead
Lawrence Aloysius Hennessey, Jr., Madison
John Edward Herridge, Columbus
Robert Ansel Hillery, Indianapolis, IN
Norman Duncan Hixon, San Rafael, CA
Roland Martin Jones, Springfield
Brian Kent Jones, Gahanna
Coleman Austin Jordan, Shaker Heights
William Gerard Kestelik, Columbus
Jongwoo Kim, Pusom, Korea
Todd Geoffrey Kime, Toledo
Brenda Kay Kuhn, New Castle, PA
Choon Phooi Lee, Kuala Lumpur, Malaysia
George Michael Lewis, Columbus
Wayne Lee Linnabary, Columbus
Stephen Michael Mackov, Salem
Gerald Phillip Maze, Jr., Groveville, NJ
John L. Meegan, Jr., Uniontown, PA
Susan Elizabeth Melsop, Birmingham, MI
Bradley Jarman Mull, Toledo
Mark Anthony Neme, Worthington
Seow Keat Ng, Kulim, Kedah, Malaysia
Theodore Joseph Nourie, Cincinnati
Jay Bradley Richards, Columbus
Thomas Charles Roberts, Evanston, IL
Lorne Howard Rose, Toronto, Canada
Kevin Robert Russell, Fremont
Brian Scott Schlegel, Columbus
Edward Paul Schmittgen, Lorain
Robert Joseph Skillman, Jr., New Lexington
Phillip Thompson Soule III, Columbus
Mark Joseph Spagnuolo, Fairlawn
Thomas Byron Spreacker, Franklin Furnace
Terri Lyn Sudbrook, West Chester
David Scott Trautman, Miami, FL
John Charles Waddell, Powell
Shawn Michael Walker, Ironton
Joseph Carl Weithman, Galion
Paul Austin Wilson, Gambier
Bruce Edward Yoder, Toledo
Elizabeth Zandee van Rilland, Avon Lake

Bachelor of Science in Landscape Architecture

Phyllis Ann Austin, Mentor
Patricia Anne Beck, Chagrin Falls
Christina Esther Berken, Brunswick
C. Daniel Brown, Columbus
Marty J. Clayton, Columbus
David Reid Clifford, Columbus
James William Frank, Cincinnati
Stanley Joseph Frank III, Cincinnati
Robert Marten Frederick, Worthington
Grace Eva Geisman, Upper Arlington
Kimberly F. Haithcoat, Pittsburgh, PA
Kyal Carter Heinze, Columbus
Mark William Jones, Columbus
Michael John Kleer, Rocky River
Brian Jay Kocher, Columbus
Darryl James Menerery, Findlay
Philip Homer Miller, Worthington
Jodie Lee Moler, Worthington
Denise Michelle Neil, Columbus
Michael Danford Pflaumer, Pittsburgh, PA
Timothy Franklin Sence, Milford
Thomas Andrew Thadeus, Fairview Park
Keith Allen Weaver, Westerville
Linda Marie Wurtz, Waterville
Nancy Zuidgeest, Grand Rapids, MI

College of Home Economics

Dean: Lena Bailey

Bachelor of Science in Home Economics

Ruth Cavett Allred, Worthington
Peggy Ann Altherr, Kettering
Lisa Ard, Nevada
Julie Renee Banbury, Glenmont
Diane Marie Barga, Rossburg
Lisa Deann Benedetto, Columbus
Margaret Ellen Bernard, Dayton
Jane Ann Blume, Kenton
Suzanne Margret Bock, Solon
Beverly Ann Boey, Westlake
Peggy Ann Brown, Richmond Heights
Angela Lynn Bush, Edison
Carolyn Miriam Cavalaris, Columbus
LeAnn Clark, Huber Heights
Traci Ann Clark, Ostrander
Camilla Carole Colwell, Columbus
Dawn Marlene Compton, Columbus
Lori Lynn Conger, Mt. Vernon
Kimberly Sue Conrad, Pickerington
Christine Elaine Cooper, Bucyrus
Lynda Elaine Davis, Gahanna
Stuart Michael Dayton, Columbus
Janelle Kae Decker, Gahanna
Kathleen Marcella Deely, Columbus
Bethany Ann Deweese, Piqua
Amy Lou Dillahun, Tipp City
Karen Sue Dunn, Columbus
Charlotte Ann Elfink, Akron
Leslye Goodall Federer, Hilliard

Katherine Louise Fernald, Columbus
 Lisa Marie Fernandez, Bowie, MD
 Amy Suzanne Fray, Wintersville
 Diane S. Frazier, Johnstown
 Joni Lynne Fritz, Reynoldsburg
 Elizabeth Ann Gable, Warsaw
 Virginia Givens Goshorn, Columbus
 Joan Elaine Grimes, Decatur
 Laurie Sue Gross, South Euclid
 Susan Lynell Grouls, Toledo
 Julie Ellen Hahn, Cincinnati
 Lynn Rinehart Harper, Columbus
 Kathleen Maria Hess, Cincinnati
 Lisa Arlene Hicks, Tiffin
 Shelli Lynne Hull, San Clemente, CA
 Lisa Kay Hunt, Springfield
 Lauri Ysseldyke Johnson, Columbus
 Kimberly Rae Jones, Cincinnati
 Victoria Anne Josof, Akron
 Lori Beth Kay, Columbus
 Marie Angela Kin, Upper Sandusky
 Linda Kinsner, Avon Lake
 Stephanie Anne Knight, Cadiz
 Linda Gail Krochmal, Dayton
 Susan Marie Kunes, Cleveland
 Jill Lynn Laderman, Solon
 Teresa Lyn Lazor, Williamsfield
 Mary Jo Lehman, Elyria
 Jacqueline Ann Lohiser, Mentor
 Traci Colleen Lunsford, Cuyahoga Falls
 Martha Ann Mahler, Findlay
 Gina Ann Mahon, Cincinnati
 Amy Kay McCallum, Columbus
 Karen Ann Mealey, Columbus
 Michelle Diane Mitchell, Plain City
 Beverly Jean Mock, Columbus
 Marsha Lee Mowrey, Columbus
 Lelaine Millicent Nelson, Columbus
 Brenda Novotney, Columbus
 Amy Christine Ost, Akron
 Laura Ann Pantaleano, Northfield
 Kelly Sue Pavlov, Hubbard
 Laura Lee Porginski, Portsmouth
 Lisa Alison Porter, Dayton
 Rebecca Jane Proeschel, Hamilton
 Melanie Christine Putz, Worthington
 Joyce Fern Rath, Montpelier
 Laurie Renee Resnick, Pepper Pike
 Joanne Kay Rickard, Lawrenceville, NJ
 Michele Theresa Rodichok, Columbus
 Julie Carol Rosenthal, University Heights
 Rebecca A. Rosselet, Dublin
 Ellen Lee Roth, Toledo
 Susan Andrea Schrickel, Brilliant
 Julia Eve Schwartz, Beachwood
 Dina Amy Seegull, Columbus
 Deborah Jane Shivers, Mentor
 Craig Alan Snyder, Portage, MI
 Lesley Annette Stock, Pickerington
 Jill Elizabeth Stryfeler, Canfield
 Theresa Jane Swanger, Columbus
 Carol Tannous, North Canton
 Karen Elaine Taylor, Ashland
 Karen Ann Thies, Fairview Park
 Rhonda Lynn Topping, Gahanna
 Erin Michelle Trimble, Dublin
 Christine E. Walski, Avon
 Jean Shephard Wentzel, Columbus
 Marla Deane Winslade, Chardon

Barbara Lynn Young, Vickery
 Laura Louise Zuppardo, Lima

Bachelor of Science in Hospitality Management

Mark Jason Dornfeld, Englishtown, NJ
 Scott Edward Hoerig, Champion
 Robert Earl Stearns III, Toledo
 William Donald Theis, Canton

Bachelor of Science in Nutrition

Christian Joseph Baddour, Mansfield
 Lerma Bautista Maximo, Cambridge
 Matthew McHugh, Youngstown
 Timberly Ann Phipps, Columbus
 Mark William Slivka, Columbus
 Steven Samuel Traikovich, Kentwood
 Cynthia Louise Williams, Dayton

Bachelor of Science in Restaurant Management

James Hart Evans, Springfield
 Debra Ann Hayman, Grove City
 Judy Marie Lombardi, Canton

College of Law

Dean: Francis X. Beytagh, Jr.

Juris Doctor

W. Mark Adams, Kingston
 B.B.A. (Ohio University)
 Jay Steven Agranoff, Spring Valley, NY
 B.A. (State University of New York at Binghamton)
 Linda L. Ammons, Cleveland
 B.A. (Oakwood College);
 M.A.
 Jane Stempel Arata, Athens
 B.A. (Indiana University)
 Gayle Ann Arlen, Beachwood
 B.A. (University of Rochester)
 Susan Elizabeth Ashbrook, Columbus
 B.A. (Oberlin College)
 David Edward Ballard, Middletown
 B.S. (Miami University)
 Belinda Sue Barnes, Marysville
 B.A.
 John Paul Bartley, Scranton, PA
 B.S. (University of Scranton);
 M.S. (Marywood College)
 Judith Lehfeldt Baster, Akron
 B.A. (University of Southern California)

Thomas Edward Berry, Jr., Roxana, IL
 B.A. (University of Illinois)

Louis Mitchell Best, Bowling Green
 B.Mus.Ed.

Janet Lynn Bettis, Salem
 B.A. (Wittenberg University)

Carmel Diane Bland, Hampton, VA
 B.S. (Virginia Commonwealth University)

Joseph Paul Boeckman, Minster
 B.B.A. (University of Cincinnati)

Juliet Elizabeth Boniface, Poland
 A.B. (Smith College)

Timothy Francis Braun, Sandusky
 B.A. (Rutgers University)

Barry Louis Breslow, West Long
 Branch, NJ

B.A. (Rutgers University)

Marlo Bridges, New Bern, NC
 B.A. (Bowling Green State University)

Thomas Charles Briggs, Rochester, NY
 B.A. (The American University)

Smith Rufus Brittingham IV, Oberlin
 B.A. (Oberlin College)

Nancy Neill Burdick, Granville
 A.B. (Mount Holyoke College)

Joseph Allen Butauski, Strongsville
 B.A.

Brian Thomas Casey, Hudson
 B.S. (Auburn University)

Ryan Jewel Chandler, Brooklyn, NY
 B.A. (Oakwood College)

J. Scott Clark, Columbus
 B.A. (Northwestern University)

Toki Michelle Clark, Columbus
 B.A. (Kent State University)

Ann Clarissa Clayton, Lancaster
 B.A.

Patrick Joseph Coady, Columbus
 B.S.

David James Coyle, Crawfordsville, IN
 B.S. (Ball State University)

Bruce Robert Croteau, Sandusky
 B.S., M.A., M.B.A.

Diane C. Current, Columbus
 B.A. (Lenoir-Thyne College)

Jeffrey Oxford Davis, Meguon, WI
 B.S. (Miami University)

Jayne Ellen Demaras, Cincinnati
 B.A. (University of Pennsylvania)

Sallie Jo Debolt, Granville
 B.S., B.S.L.H.R.

Don William DeVere, Columbus
 B.A. (Kenyon College)

Thomas Andrew Dilling, Westlake
 B.A. (Saint Louis University)

Jeffrey Howard Donelson, Jeromesville
 B.B.A. (Ohio University)

Carla Rose Taylor Dowling, Lincoln, NE
B.A. (Kalamazoo College)

Daren Kimberly Draves, Columbus
B.S.Ed.

Pamela Anne Drucker, Beachwood
A.B. (University of Michigan)

Mary Suzanne Duffey, Columbus
A.B. (University of Michigan)

Julie Ann Dunwell, Grand Rapids, MI
B.A. (Miami University)

Thomas Jeffrey Efta, Columbus
B.A.

Daniel Shane Egan, Columbus
B.A.

Karen Annette Ellman, Columbus
B.F.A. (Cornell University)

Carole Rohyans Fallon, Worthington
B.A. (Miami University)

Marc Allen Fishel, University Heights
B.A. (Cleveland State University)

Andrew Allen Folkert, Columbus
B.A. (Kenyon College)

Julia Ann Gabriel, Columbus
B.A.

Van A. Gander, Cambridge
B.A. (Capital University)

Lisa Ann Garono, Cuyahoga Falls
B.A. (John Carroll University)

Jerome Andrew Gauthier, Columbus
B.S.

Monica Shirley Gfoeller, Fremont
B.A. (Boston University)

Gay Martin Gilbert, Charleston, WV
B.A. (Michigan State University)

Amy J. Meyer Girvin, Centerville
B.A. (University of Dayton)

Melvin Anthony Goldberg, Seattle, WA
B.A. (University of Washington)

Marc Stuart Goldin, Staten Island, NY
B.S., B.A.

Rhonna Suzanne Goldman, Sylmar, CA
B.A. (University of California at Los Angeles)

Mark David Goudy, Grand Rapids, MI
A.B. (University of Michigan)

Richard Edward Grant, Columbus
B.A.

Calvin Pasquale Griffith, Warren
B.S.

Sara Maya Anne Grundish, Willoughby
B.A. (Kenyon College)

Charles William Hardin, Jr., Conneaut
B.A. (Ohio Northern University)

Laurel Broida Hartshorn, Columbus
B.A.

Donn Hubert Herring, Jr., Findlay
B.A. (Westminster College)

William Adam Herzberger, Rocky River
B.S. (Miami University)

Jill A. Hess, Bowling Green
B.A. (Bowling Green State University)

Laura Marie Hillenbrand, Westerville
A.B. (University of Illinois)

Anne Light Hoke, Allentown, PA
B.A. (University of Maryland)

Susan Levitt House, Shaker Heights
B.S. (John Carroll University)

Brent Turner Howard, Columbus
A.B. (University of Illinois)

Lowell Bennett Howard, Jr., Columbus
B.A. (Miami University)

Joan Louise Irwin, Columbus
B.S.

Jay Edwin Jadwin, Lancaster
B.A. (Capital University)

Joseph Thomas Jakubek, Campbell
B.E. (Youngstown State University)

Donna Joyce Jennewine, Xenia
B.A.

John Mark Johnston, Reynoldsburg
B.S. (Bowling Green State University)

Terry J. Johnston, Maplewood
B.A. (Ohio Northern University)

Katherine Cecilia Jones, Cleveland
Heights
B.A.

Sonya Michelle Jones, Cincinnati
B.A. (University of Notre Dame)

Maria Oksana Juskiw, Louisville
B.A.

John C. Kairis, Westerville
B.A. (University of Notre Dame)

Scott Alan Kallander, Oxford
B.A. (Miami University)

John Mark Kantner, Canal Winchester
B.A. (Denison University)

Steven Robert Kirschner, Cincinnati
B.S. (Purdue University)

Deborah Darlene Kisamore, Medina
B.B.A. (Kent State University)

Kathy J. Kolich, Massillon
B.S.

Chris Korleski, Canfield
B.S.

Laura A. Kulwicki, North Canton
B.A.

Matthew Orville Lamb, Columbia Station
B.S. (Bowling Green State University)

Donald Alan Lane, Cincinnati
B.S. (Bowling Green State University)

Randall Duane LaTour, Columbus
B.A.

Risa Dinitz Lazaroff, Columbus
A.B. (University of Michigan)

David Edward Ledman, Greenhills
B.A. (Miami University)

Allen H Y Leong, Honolulu, HI
B.B.A., ACC (University of Hawaii-
Manoa)

Jeffrey Wiley Linstrom, Wooster
B.A. (Miami University)

Sara Elizabeth Lioi, Canton
B.A. (Bowling Green State University)

Virginia Elisabeth Lohmann, Newark
B.S. (Denison University)

Daniel Robert Lutz, State College, PA
B.A. (Allegheny College)

Robert Alan Lynch, Granville
B.A.

Herman Marable, Jr., Flint, MI
B.A. (Michigan State University)

Anastasia Natalie Markakis, East
Lansing, MI
A.B. (University of Michigan)

Lev Konstantyn Martyniuk,
Bloomington, IN
B.A. (Indiana University)

Douglas Robert Matthews, Worthington
B.A. (University of Virginia)

Robert Collins Maynard, Shaker Heights
B.A. (Georgetown University)

Kathleen Anne McGarry, Maple Heights
B.A. (Connecticut College)

Kelly Lyn McLaughlin, Mogadore
B.A.

Michael Patrick Meaney, Ashtabula
B.S. (Kent State University)

Susan Allison Miner, Dayton
B.S.

Michael George Minnich, Springfield
B.A. (Wittenberg University)

Maria Louise Mone, Columbus
B.A. (University of Notre Dame)

Deborah Aileen Morales, Chicago, IL
B.A. (Augustana College)

Guy M. Moreau, East Orange, NJ
B.A. (University of Florida)

Jennifer Joan Murchake, Columbus
B.S.

Jessica K. Mussman, Fostoria
B.A. (Ohio Northern University)

Craig Rikio Nakatani, Cerritos, CA
B.S. (University of Southern California)

Robert Charles Northess, Salt Lake
City, UT
B.S. (University of Utah)

Lawrence John Novak, Columbus
B.A.

Nirva Olibrice, Orange, NJ
A.A.S. (Essex County College);
B.S. (Seton Hall University)

Bonnie Irvin O'Neil, Zanesville
B.A. (Bowling Green State University)

Sally Ann Oxley, Ashland
B.S.N.

Jennifer Ann Parker, Bryan
B.A. (Miami University)

Joseph Michael Patchen, Worthington
A.B. (Boston College)

Mary Jo Paulett-Toumert, Cleveland
Heights
B.A. (Miami University)

Edward Rivas Perez, Kent
B.B.A. (Kent State University)

Raymond Wayne Perez, Troy
B.S. (Miami University)

Jill Porter, Lawton, OK
B.A. (Oklahoma University)

Gretchen Anne Quinn, Columbus
B.A.

Jenifer Bernard Rasor, Columbus
B.A.

Pamela Joyce Reiner, Shaker Heights
A.B. (University of Michigan)

Timothy Alan Riedel, Geneva
B.A. (Kent State University)

Kevin Arthur Rings, Dublin
B.A. (Wittenberg University)

Michael Eugene Ritch, Peninsula
B.A. (University of Akron)

Cheryl Lyn Roberto, Ravenna
B.A. (Kent State University)

Kathleen Anne Rummel, Columbus
A.B. (Mount Holyoke College)

Pamela Jean Ruschau, Dayton
B.M.E. (General Motors Institute)

Kimberly Ann Rye, Willoughby
B.A. (Allegheny College)

Nancy Paine Sabol, Avon
B.A. (Ohio University)

Scott Eric Salisbury, Conneaut
B.A. (Kent State University)

Jeffrey Blaine Sams, Albany
A.B. (Ohio University)

McKinley Hobart Sauer III, Massillon
B.S.A. (University of Akron)

Carol Susan Schaefer, Columbus
A.B. (Ohio University)

Robert Bruce Schaefer, Columbus
B.A. (Arizona State University);
M.B.A.

Karin Faith Schleifer, Cleveland
B.A. (Miami University)

Thomas Marlow Schneider, Kankakee, IL
B.A. (DePauw University)

Bernard Morris Schulte, Bexley
B.A. (Bucknell University)

Matthew Paul Seeberger, Tiffin
B.A. (Swarthmore College)

Warren Alan Seidel, Seven Hills
B.A. (College of Wooster)

Margaret O'Connor Shackelford, Canal
Winchester

B.A. (Ohio Dominican College)

Matthew Rogers Shay, Newark
B.A. (Wittenberg University)

Mark Eric Sheets, Gallipolis
B.A.

David Bryan Shelton, Cincinnati
B.A. (Earlham College)

Robert Charles Shrosbree, Southfield, MI
B.B.A. (University of Michigan)

Belinda Henderson Simile, Columbus
B.S. (Miami University)

Vicki Camille Singleton, Yellow Springs
B.A. (Wright State University)

Sheila Marie Sinno, Grove City
B.A. (Ohio Northern University)

Karen Eilene Slove, Westfield, NJ
B.A. (Emory University)

Evan Thomas Smith, Akron
A.B. (Harvard College)

Matthew Sherman Smith, Columbus
B.S.E.E.

Ricky David Sonkin, Beachwood
B.S.

Kenneth Richard Spiert, Columbus
B.A. (Bluffton College)

John Peter Stanard, Gates Mills
B.A. (Cleveland State University)

Daniel Nathan Steiger, Beachwood
B.A. (University of Michigan)

Nan M. Still, Dublin
B.S.Ed.

Anne Reinicke Storan, Mt. Vernon
B.A. (Purdue University)

Rebekah Miriam Sutin, Columbus
B.A.

Linda Iona Sutton, Columbus
B.S. (Ohio University)

Kip Michael Sweda, Elyria
B.A. (Case Western Reserve University)

Timothy Farrell Sweeney, Euclid
B.A. (University of Notre Dame)

Jeffrey Scott Szorik, Rochester, MI
A.B. (University of Michigan)

Robert Tannous, North Canton
B.S.

Countess Rochelle Taylor, Dayton
B.A. (University of Dayton)

LeTonda Marcheale Thompson,
Washington Court House
B.S.Soc.Wel.

Robert Craig Thurston, Cherry Hill, NJ
A.B. (University of Michigan)

Joseph Frederick Timmons, Coshocton
B.A. (Otterbein College)

Kevin James Tourek, East Grand
Rapids, MI
B.A. (Michigan State University)

Kurtis Adair Tunnell, Stapleton, NE
B.A. (Hastings College)

James Martin Underwood, Defiance
B.A. (Oklahoma Baptist University)

Michael Stefan Urban, Kent
B.A. (Kent State University)

Mark Edward Vannatta, Newark
B.S. (Bowling Green State University)

Donald Leander Vanterpool,
Westberry, NY
B.A. (CW Post College of Long Island
University)

Stephanie Marie Vesper, New Richmond
B.A. (DePauw University)

Gregory Joseph Vincent, New York, NY
B.A. (Hobart College)

Susan Elizabeth Wagner, Centerville
B.A.

Elizabeth McKinley Watkins, Columbus
B.S.

Lisa Carol Watkins, Pontiac, MI
B.S. (Tuskegee Institute)

Eric Lee Weeden, Onalaska, WI
B.S. (University of Wisconsin-LaCrosse)

Winnifred Norah Weeks, Columbus
B.A. (Coe College)

Tammy Higgins Whitaker, Cincinnati
B.A. (University of Cincinnati)

Gregory Allen Williams, Findlay
B.A. (Bowling Green State University)

Nancy Thomas Wonnell, Columbus
B.A.

Barbara Ellen Wright, Kent
B.S. (Kent State University)

Janel Lesly Wright, Wooster
B.S. (Allegheny College)

Kenneth Allen Zak, Parma
B.S.

College of Medicine

Dean: Manuel Tzagournis, M.D.

Doctor of Medicine

Kevin James Anderson, Massapequa, NY
B.S. (University of Dayton)

Patricia Jo Anderson, Cincinnati
B.S.

Mary Sollinger Applegate, Cuyahoga Falls
B.S. (Creighton University)

Sarah Louise Artman, Cincinnati
B.A. (Cornell University)

Scott Robert Baker, Lancaster
B.S. (Ohio University)

Jonathan B. Baktari, Los Angeles, CA
B.A. (Case Western Reserve University)

Constance J. Bauer-Giffin, Upper Sandusky
B.S.

Kelly Denise Beatty, Louisville, KY
B.A. (Earlham College)

Patricia Connor Benson, Columbus
B.S.

Rosalie Barath Beverly, Cleveland
B.M., B.M.Ed. (Conservatory of Music of the University of Cincinnati);
M.M. (Peabody Conservatory of the Johns Hopkins University)

Shelley Lynn Blackburn, Lakewood
B.A. (Capital University)

John Mark Boltri, East Northport, NY
B.A. (State University of New York College at Purchase)

James Aloysius Boozan, Elizabeth, NJ
B.S.C.E. (Princeton University)

Randall David Borland, Carrollton
B.S. (Case Western Reserve University)

David Wayne Bowyer, Uniontown
B.A. (College of Wooster)

Mitchell Andrew Brack, Richmond Heights
B.A.

Thomas Dickerson Brown, Ottawa
B.A.

Bradley Alan Bryan, Sylvania
B.S. (Ohio University)

Timothy Kerr Buchanan, Canfield
B.S. (Cornell University)

Jana Kaye Burson, Shade
B.S. (Ohio University)

Christopher William Cervantes, Cincinnati
A.B. (Washington University)

Linda Ann Chasson, Oak Park, MI
B.S. (University of Michigan)

David Lewis Chengelis, Youngstown
B.S. (University of Cincinnati)

James David Chlovechok, Cambridge
B.S. (Ohio University)

Anna Maria Citino, Salem
B.S. (Kent State University)

Richard Don Clark, Beverly
B.S. (Marietta College)

John Francis Collins, Dublin
B.S.

James Edward Conley, Canton
B.A. (Kent State University)

John David Crecca, Granville
B.A. (Ohio Wesleyan University)

Jeffrey William Crecelius, Ashland
B.S.

Ann Marie Croft, Maple Heights
B.S. (University of Notre Dame)

Suzette Lucille Cullins, Jacksonville, FL
B.A. (Talladega College)

Stephen Michael Davakis, Poland
B.S. (Youngstown State University)

Allen Gregory Deam, Dublin
B.S.Nurs.

Christopher Mark de Groot, Salt Lake City, UT
B.S. (Wright State University)

Edward A. Del Grosso, Watertown, CT
B.S. (Case Western Reserve University)

Gregory Joseph DeLorenzo, Cincinnati
B.S.

Christopher A. DeMaoribus, Westlake
B.S. (University of Notre Dame)

Dawn Janelle Detweiler, Kidron
B.A. (Goshen College)

Charles Albert Dietz, Jr., Reynoldsburg
B.S.

Kurtcebe Hikmet Dingman, Pepper Pike
B.A. (Case Western Reserve University)

Joseph Edward Dohar, Youngstown
B.S.

Laura Lee Dugan, North Canton
S.B. (Massachusetts Institute of Technology)

Risa Stephanie Dunn, University Heights
B.S.

Kathryn Barry Einhaus, Cincinnati
B.S. (Auburn University)

Ronel Rocha Enrique, Broadview Heights
B.A. (Dartmouth College)

Marvin Franklin Ewy, Columbus
B.A. (Kenyon College)

Stephen Andrew Fahrig, Centerville
B.S. (University of Notre Dame)

Arlene Marie Fedorchak, Youngstown
B.S. (John Carroll University)

John Francis Feller, Mentor
B.S. (University of Notre Dame)

Abbie Louise Fields, Cleveland
B.A. (Case Western Reserve University)

Philip Gregory Fields, Maineville
B.A. (Dartmouth College)

Donald Lee Fisher, Youngstown
B.S. (Youngstown State University)

Michael Scot Fishman, Southfield, MI
B.S., M.S. (University of Michigan)

Robert Marvin Freedy, Columbus
B.S. (University of North Carolina)

Stephen W. Fry, Trenton
B.S.

Elaine Knoll Gaglione, Dayton
B.S.

Charles Joseph Gbur, Jr., Youngstown
B.S. (Youngstown State University)

Timothy John Gelety, Cleveland
B.S. (Cleveland State University)

Catherine Lee Getz, Upper Arlington
B.A. (Miami University)

John Harold Giesler, Sandusky
B.A. (University of Toledo)

Steven Michael Glanz, Pepper Pike
B.S. (University of Michigan)

Carol Ann Glessner, Beaver, PA
B.S. (Case Western Reserve University)

James Arthur Goudy II, Mt. Vernon
B.S.

Carol Jean Greco, Avon
B.S.

Thomas David Green, Delaware
B.A. (Case Western Reserve University)

Theodore Joseph Grieshop, Yorkshire
B.A. (University of Dayton)

Scott Dee Griffith, Kettering
B.A. (Albion College)

David Gene Haddock, San Juan, PR
B.S.

David Daniel Hagaman, Lima
B.S. (Bowling Green State University)

G. Kenneth Haines III, Streetsboro
B.S. (University of Akron)

John Trumbull Harlan, Athens
B.A., B.S. (Ohio University)

Sheldon Dean Henry, Sunbury
B.S.

John Joseph Hiestand, Old Fort
B.A. (Denison University)

Steven Marc Hirsch, Baltimore, MD

Greg C. Holland, Lancaster
B.S. (Ohio University)

Robert John Holloway, Euclid
B.S. (Bowling Green State University)

Howard Scott Howell, Barnesville
B.S. (University of Notre Dame)

Kathleen Couling Howell, Columbus
B.S. (University of Cincinnati)

Richard M. Howell, Fairview Park
A.B. (Kenyon College)

William Thomas Jacoby, Toledo
B.S. (University of Michigan)

Gary Michael Jasbeck, Cincinnati
B.S. (University of Colorado)

Venkata Ramakrishna Jayanthi, Toledo
B.S.

Bryan Dale Kaplansky, University Heights
B.S. (University of Michigan)

Sue A. Karnitis, Chagrin Falls
B.S.

Vitauts Joseph Karnitis, Columbus
B.S.

James Thomas Kelly, Jr., Lakewood
B.S.

Lee Allen Klopfenstein, Haviland
A.S. (Illinois Central College)
B.S. (Illinois State University)

David Scott Knechtges, Grafton
B.S.

James Michael Komer, Orrville
B.S. (University of Dayton)

Robert Michael Konstan, Akron
B.S.

Anita Pavlina Kovacic, Manhattan
Beach, CA
B.S. (Mount Saint Mary's College)

Ann Renée Koval, Dover
B.S.

Richard Paul Kratche, Willoughby Hills
B.A. (Harvard University)

Gerald Lee Kremer, St. Henry
B.S.

Stephanie Eilene Ladson, Columbus
B.A. (Wittenberg University)

Michael David Landes, Bucyrus
B.S.

Anna Margaret Lawson, Columbus
B.A.

Robert Bruce Leb, Canton
B.A. (Columbia University)

Howard Hahn Lee, Norton
B.S. (Case Western Reserve University)

Jeffrey Chun-Suk Lee, Seven Hills
B.A. (Case Western Reserve University)

Roger Hansoo Lee, Norton
B.A. (Case Western Reserve University)

Carol Catherine Lekan, Cleveland
B.S. (Kent State University)

John James Letterio, Marion
B.S. (Allegheny College)

Elliott Louis Levine, Columbus
B.S.

Robert Foster Lewe, Fostoria
B.A. (Case Western Reserve University)

Paul Douglas Lindower, Dayton
B.A. (Earlham College)

Anne Dunnam Littleton, Troy
B.S.

James S. Littman, Akron
B.A. (Miami University)

Eric Richard Lockhart, South Amherst
A.A. (Lorain County Community College)

Glenn Lopate, Cleveland
B.A. (Colorado State University)

Steven James Lucas, Dayton
B.S. (University of Dayton)

Richard Frank Macko, Mineral Ridge
B.A. (Hiram College)

David Bryan Manning, Chillicothe
B.A. (Wake Forest University)

Diane Carol Manos, Delaware
B.A. (Ohio Wesleyan University)
B.S.N. (Case Western Reserve University)

Richard Brook Manton, Lakeside
B.A. (University of Toledo)

Steven Linn Markowitz, Cleveland
B.S.

Anthony Andrew Mascia, Fairfield, CT
B.S.

Jeffrey Floyd McAadoo, Warren
B.S. (Carnegie-Mellon University)

Mary Jude McCafferty, North Olmsted
B.S. (John Carroll University)

John Merrill McKinney, Jr., Cincinnati
B.A. (Miami University)

Timothy Raymond McMullen,
Austintown
B.S. (Kent State University)

David Stanley Medich, Steubenville
B.S.

Anthony Alan Meluch, Fairview Park
B.A. (Saint Louis University)

George McDowell Messick, Columbus
B.A.

Jeffrey David Miller, Upper Arlington
B.S.

Roger Alan Miller, Lancaster
B.A. (Ohio Wesleyan University)

Susan Kalus Miller, Cleveland
B.A.

Linda Cheryl Mitchell, Cuyahoga Falls
B.S.

Thomas Andrew Morse, Pickerington
B.A. (Capital University)

Katherine Swan Munts-Rutherford,
Granville
B.A. (Brown University)

Mary Ann Myers, Glandorf
B.A. (University of Toledo)

Dennis E. Newland, Tupper's Plains
B.S.

Eric Allen Nofzinger, Whitehouse
B.A. (Miami University)

Michael J. O'Grady, Palas Park, IL

Beverly VandenBoom O'Neill,
Miamisburg
B.A. (University of Cincinnati)

Debora Ann Ortega, Port Clinton
B.S. (Stanford University)

Elizabeth Fisher Pallante, Grosse Point
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B.S. (University of Notre Dame)

Martin Michael Pallante, Canfield
B.S. (University of Notre Dame)

Karl Steven Pappa, Independence
B.S., Pharm.D.

Janice Lynn Park, Dayton
B.S. (Indiana University)

John Joseph Parker, Newark
B.A.

Helen Irene Pelecanos, Mentor
B.A. (Kenyon College)

Peter James Pema, Upper Arlington
B.S.

Cheryl Ann Penkowski, Mentor
B.S.Ch.E. (Purdue University)

David Philip Perkins, Riverside, CT
B.S. (Duke University)

Mark Thomas Peters, Tallmadge
B.S.

William John Petersilge, Newark
B.A. (Miami University)

Suzanne F. Peterson, Columbus
B.S. (University of Minnesota);
M.S. (Colorado State University);
D.V.M. (University of Illinois)

Thomas Michael Picklow, Cleveland
B.A. (Case Western Reserve University)

James Craig Pile, Willoughby Hills
B.A. (The King's College)

Kristine Louise Prenger, Minster
B.S. (Bowling Green State University)

Kent Leroy Ramsey, North Canton
A.S. (Ohio Valley College);
B.S. (David Lipscomb College)

Thomas John Redington, Jr., Paoli, PA
B.S. (Miami University);
M.B.A. (Xavier University)

John David Reisman, Columbus
B.A. (Emory University)

John Thomas Renz, Brecksville
B.A. (Miami University)

Julie Pauline Rindler, Kettering
B.S. (University of Dayton)

Jay Alan Roskoph, Shaker Heights
B.A. (Emory University)

Lawrence Brian Rothstein, Dayton
B.A. (Miami University)

Robert Dean Rupert, Jr., Poland
B.A. (Kent State University)

Ellen Corrine Sackett, Wellston
B.S.Nurs.

Julia Ann Sammons, Kettering
B.S. (University of Dayton)

Laura Elena Sánchez, Lorain
B.A. (Bryn Mawr College)

Michael Keith Sauter, Chambersburg, PA
B.A. (Shippensburg State College)

Michael Liguore Scavina, Youngstown
B.A. (Columbia University)

Phillip Michael Schirck, Hubbard
B.S.Ch.E. (Youngstown State University)

William Richard Schmidt II, North
Canton
B.S.

David Lyle Schumacher, West Milton
B.S. (Ohio Northern University)

Scott J. Schurman, Glenview, IL
B.A.

Norman Allan Schwartz, Beachwood
B.S.

Kenneth Howard Segel, Pepper Pike
Sc.B. (Massachusetts Institute of
Technology)

Donna Jean Sexton, Valley View
B.S.

Eileen Hewitt Sheets, Lake Milton
B.S. (Youngstown State University)

Ralph Edward Shrider, Paulding
B.S. (Siena Heights College)

Seth Jon Silberman, Wayside, NJ
B.A. (Franklin and Marshall College)

Celeste M. Sinton, Phoenix, AZ
B.A. (University of Denver)

Townsend Smith III, Aliquippa, PA
B.A. (Slippery Rock State College)

Gary Lowell Smoot, Lucasville
B.S.

John Phillip Sotos, Columbus
B.S.

Richard Neil Southard, Columbus
B.S. (Haverford College)

Genevieve Marie Spittler, Garfield
Heights
B.S. (John Carroll University)

Karen Andrea Spletzer, Cincinnati
B.A. (University of Toledo)

Gregory Douglas Stein, Sandusky
B.A. (University of California at San
Diego)

Karl Edward Steinberg, Cleveland
Heights
B.A. (Harvard College)

Mark Edward Stevenson, Cleveland
B.S.

Steven Paul Strobel, Norton
B.A. (Kent State University)

David Edward Subler, Versailles
B.S. (University of Dayton)

Janet Arline Nelson Sullivan, Salt Lake
City, UT
B.A. (Antioch College)

Cynthia L. Swart, Fairfield
B.A. (Anderson College)

Patrick Joseph Sweeney, Euclid
B.S. (University of Notre Dame)

Steven Edward Swift, Centerville
B.A. (Miami University)

Jenifer Marie Takats, Rossford
B.S.

Joseph Edward Temming, Cincinnati
B.S. (Xavier University)

Michael Wheatley Thomas, Ashley
B.S. (Ohio University)

Thu Ngoc Tran, Columbus
B.S.

John Chen Tsai, Rocky River
A.B. (Miami University)

Jeanne Marie Falgui Tugaoen, Parma
B.S.

John Falgui Tugaoen, Parma
B.S.

Ruth Elizabeth Uveges, Berea
B.S. (The College of William and Mary)

Joseph David Varley, Warren
B.A. (Oberlin College)

James Walter Whetstone, Millersport
B.S. (Muskingum College)

Steven Lee Willett, Greenfield
B.A. (Ohio Wesleyan University)

Michael Buttimer Williard, Columbus
B.S. (University of Notre Dame)

Linda Louise Woodyard, Columbus
B.S.Nurs.

Catherine Joan Yeagley, Salem
B.A. (Drake University)

Margaret Susan Young, Athens
B.S. (University of Wisconsin)

Joseph Peter Sekiguchi Yu, Tiffin
B.S.

Robert Paul Zaino, Xenia
B.A. (Saint Louis University)

Robert Edward Zimmerman, Akron,
B.S.

Bachelor of Science in Allied Health Professions

Deborah Lynn Adrian, Chardon

David Conrad Aebker, Lima

Muna Alaseer-Robinson, Gahanna

David Joseph Alianiello, Altoona, PA

Laurie Jean Almeida, Cincinnati

Mark Allen Antal, Ravenna

Donald George Bahna, Sylvania

Patricia Diane Bella, Columbus

Jennifer Rachel Bible, Clyde

Rebecca L. Blair, St. Clairsville

Alison Lee Bolton, Beavercreek

Laurie Renee Booth, Maumee

Beth Ann Boyer, Waverly

Mark William Brail, Ashtabula

Kelley Virginia Brantley, Fairfield

Anne Catherine Brown, Dayton

Ginger Kay Bruce, Westerville

Susan Davis Bryant, Cleveland

Michael Gallagher Buell, Greenville

Janet Marie Byers, Steubenville

Steven Michael Canter, Reynoldsburg

Mark James Carroll, Berea

Suzanne Greathouse Coffman, Columbus

Michelle Anne Collins, Burton

Michael Andrew Cooley, Hamilton

Debra Sue Copeland, Urbana

Marta Joyce Cordones, Warren

Cecile Roberta Craig, Orient

Mark Eugene Crank, Niles

Karen Lynette Culler, Stryker

Deborah Ann Davenport, Bellevue

Chris Davis, New Waterford

Joni Lynn Davis, Girard

Kathleen Mary DeFranco, Bedford
Heights

Deborah Sue DeGlopper, Grand
Island, NY

Steven Develen, Middletown

Mary Beth Devine, Columbus

Dorothy Sue DeWeese, Sidney

Kara Michelle Doyle, Cincinnati

Brett Douglas Duffner, Ontario

Leigh Ann Duffy, New Boston

Mark Thomas Ellison, Maineville

Joseph Michael Eschman, Cortland

Susan R. Fairman, Cincinnati

Sharon Kay Flynn-Nelson, Dayton

Scott Alan Francy, Bay Village

Dennis James Franko, Seven Hills

Lori Ann Frantz, Versailles

Teresa Marie Fritz, Norwalk

Shari Lynn Fullenlove, Galion

Kelly Jo Garman, Germantown

Lisa Ann Garrison, West Salem

Joan Marie Gigliotti, Solon

Janel Sue Gorrill, Fostoria

Peter Paul Grabaskas, Toronto

Laura Theresa Green, Toronto

Barbara Sander Greivenkamp, Cincinnati

Tamara Marie Franko, Campbell

Betsy Ann Hagan, Hillsboro

Penny Louise Hampton, Urbana

Lisa Jean Harper, Chillicothe

Lorelei Edith Heineman, Zanesville

Jill Renee Hickenbottom, Woodsfield

Susan Marie Hickey, Euclid

Joy Elizabeth Hiener, Marietta

Sheryl Louise Hinz, Mansfield

Debra H. Holzinger, Dayton

Michael Sean Huffman, Bloom-Carroll

Denise Michele Hyde, Gustavus

Dana Patrick Jeter, Coal Grove

Timothy Scott Jobst, Cincinnati

Patricia Kathleen Johnson, Perrysburg

Helen Maria Kanters, Massillon

Susan Diane Katz, Columbus

Cheryl Lynn Kelbley, Fostoria

Colleen Marie Kelleher, Alliance

Laura Kay Kessler, New Riegel

Karen Sue Kirk, Elyria

Debra Ann Klein, Huber Heights

Kathryn Louise Knuth, Lyndhurst

Mark Michael Kormos, Chagrin Falls

Susan Marie Kovach, Mayfield Heights

Laurie Jo Kreuz, Delta

Richard Louis Lehmann, Lyndhurst

Wallace Hugh Linville, Lima

Paula Jean Lott, Columbus

Suzanne Macha, Olmsted Falls

Patricia Louise Markham, Worthington

Julie Ann Matson, Cloverdale

Patricia Kay McAfee, Cincinnati

Diane Lynn McGuire, Girard

Amy Sue Meier, Montpelier

Krista Ann Middelthon, Copley

Kathleen Ann Milliken, Bowserston

Christopher Paul Miloscia, Shaker
Heights

Richard Patrick Moore, Mechanicsburg

Sheila Louise Moorman, Minster

Laura Rose Moran, Marion

Deborah Lynn Moretz, Mogadore

Frank Stephen Morgan, Columbus

Melissa Sue Morse, Marysville

Donna Lee Mowry, Acme, PA
Nancy Ann Nezbeth, Sebring
Adrienne Sue Nicholas, St. Paris
Gregory Robert Nichols, Columbus
Susan Grace Noland, Marion
William Bernard O'Brien, Chesterland
Don Carl Pape, Cincinnati
Todd Thomas Park, Newark
Loreen Schiely Patton, North Olmsted
V. Michael Paulins, Delaware
Jacqueline Ann Pax, Grand Island, NY
Linda Marie Pax, Coldwater
Josephine Ann Pellegrino, Yorkville
Monique Yvonne Peyton, Pataskala
Annette Marie Pezzutti, Pickerington
Amy Beth Potocsnak, Canton
Julie Rowland Pulido, Westerville
Sarah Joan Reed, Norwalk
Patricia Ann Reile, Upper Sandusky
Beth Amber Remy, Galion
Michelle Elaine Rheinecker, Cincinnati
Laura Maria Riedinger, Randolph
Caroline Marie Rysier, Columbus
Laurie Ann Rinehart, Waldo
Janet Sue Robinson, Washington Court House
Ann Elizabeth Roebuck, Bryan
Anne Elizabeth Roeckner, Kettering
Christine Marie Rosengarten, Ottawa
Margaret Ellen Saltis, Bay Village
James Earl Schneider, Amherst
Peggy Anne Schotzinger, Tallmadge
Joyce Ann Schrimpf, Jefferson City, MO
Mary Ellen Schumacher, Louisville
Stephen Schupp, Columbus
Sandra Jo Seeberger, Kettering
Sandra Marie Sengewalt, Twinsburg
Julia Margarita Sicard, Hartville
Karen Jean Simco, Brookfield
Dean Francis Skurka, Cincinnati
Ann Lynn Smith, Wellsville
Susan McMullen Smith, Columbus
Megan Joan Spellacy, Rocky River
Lorene Janet Staley, Forest
Ann Marie Stammen, Rossburg
Sonja Ann Stotz, Milan
Brian Todd Stukey, Belpre
John Talanca, Jr., Warren
John Bernard Tanner, Bexley
Constance Marie Thiel, Wharton
Douglas N. Tidwell, Dayton
Carolyn Sue Torer, Euclid
Melissa Ann Touse, North Canton
Lynn Michele Towner, Ashtabula
Steven Brett Trattner, Pepper Pike
Monica Velandia, Defiance
Beth Ellen Ventresca, Akron
Kyra Ellen Vronick, Mogadore
Lynn Ann Walderzak, Huron
Beth Ann Watson, Westerville
Emily Hoffman Watson, Sea Girt, NJ
Katharine Margaret Wenneman, Cincinnati
Joan Louise Wherley, Dover
Pamela Ruth Whitaker, Worthington
Timothy Patrick Whitford, Cleveland
Carolyn Wilkinson, Euclid
Carol Marie Williard, Solon
Karen Marie Wilson, Stow

Wendy Sue Wilson, Broadview Heights
Diane Marie Winters, Mentor
Denise Ann Woltman, Canton
Jill DeAnn Wright, Kenton
Sherrie Lynn Yake, Marion
Gary Walter Zamski, Adena
Lori Lynn Zebrowski, Strongsville

**Certificate of Post Baccalaureate
Circulation Technologist**

Gwen Marie Miller, Lima

**Certificate of Study in Medical
Communications**

Ellen Jacobson Marino, Columbus

**Certificate of Study in Medical
Record Administration**

Shelley Ann Leister, San Antonio, TX

**Certificate of Study in Physical
Therapy**

John Paul Accrocco, Kettering

College of Nursing

Dean: Carole A. Anderson

Bachelor of Science in Nursing

Dawn Marie Aguiar, Independence
Tracey Jo Ann Allen, Cadiz
Jennifer Marie Appulese, Youngstown
Susan Elaine Armstrong, Worthington
Amy Ann Bartok, Columbus
Judith Anne Bauer, Worthington
Karen Lee Beck, Lakeview
Anita Ann Belmaggio, Warren
Michele Lee Benjamin, Medina
Sharon Ann Berger, Columbus
Kathryn Doty Betz, Westerville
Laura Sue Blackburn, Lisbon
Marylinda Bolen, Columbus
Jacqueline Ann Buchman, Newark
Jennifer Jo Burger, Killbuck
Luzminda Calo-Jenkins, Angeles City, Philippines
Rose Ann Carducci, Brunswick
Chien Wen Chen, Medina
Rebecca Lynn Clark, Dayton
Lynda Rae Clouse, Columbus
Rhonda Louise Coleman, Lima
Ann Nauman Cotterman, Columbus
Barbara Euton Culbertson, West Portsmouth
Sara Nell Daiber, Oregon
Kimberly Lynn Davis, Uniontown
Lisa Ann Davis, Marysville

Amy Elizabeth Dawson, East Liverpool
John Paul Dawson, East Liverpool
Pamela Jo Dawson, East Liverpool
Peggy Sue Deakins, Columbus
Michael DeFilippo, Islip, NY
Donna Michelle DeLuca, Cleveland
Julie Ann Diemer, Defiance
Sheryl Anne Dietsch, Dublin
Cindy Louise Drought, Henrietta
Rebecca Lynn Edwards, Worthington
Gina Colleen Evans, Orient
Kim Marie Feltnor, Columbus
Christina Marie Ferguson, Huber Heights
Karen Sue Ferrell, Findlay
Lori Ann Fisher, Columbus
Christine Marie Flechler, Norton
Beth Anne Franko, Euclid
Jill Ann Frazee, Grove City
Christine Marie Gallagher, Sandusky
Gay Lyn Garrett, Newark
Roxanne G. Gelios, Archbold
Ann Louise Gerding, Hillsboro
Nicole Marie Girouard, Covington
Stephanie Ann Glesenkamp, Columbus
Marion Elizabeth Goepferich, Dayton
Debra Ann Goettge, Mansfield
Mary Jo Gonyias, North Canton
Kathleen Joanne Gonzales, Uhrichsville
Sharon Leigh Goree, Columbus
Deborah Ann Gries, Macedonia
Patricia Ann Grillo, Jackson
Amy Elizabeth Groenke, Cincinnati
Lori Ann Hamilton, Gallipolis
Trudy Marie Hammer, Madison
Phyllis Debra Handwerk, Mt. Vernon
Jill Kathleen Haymond, Mansfield
Kimberly Louise Hays, Steubenville
Mary Katharine Heitman, Napoleon
Sonya Kay Herbold, Columbus
Julia Marie Hessenauer, Pickerington
Sherry Jean Hiner, Greenford
Katharine Lois Rudy Hoffer, Columbus
Kimberly Sue Hoffman, Lancaster
Paula Elizabeth Holmes, Lockbourne
Catherine Ann Holonitch, Upper Arlington
Diana Carol Howard, Westerville
Annette Lisa Hrusch, Chesterland
Carol Jean Hunter, Carey
Lori Jane Inman, Hamilton
Julie Ann Johnson, Columbus
Jeffery Alan Johnston, Port Clinton
Cheryl Anne Joy, Rocky River
Jamie Beth Kaplin, Columbus
Sheila Frances Kelly, Euclid
Lisa Annette Kettler, Anna
Tamra Krouskoupf Kincer, Zanesville
Dawn Renee Kinsler, Cardington
Wendy Sue Klingler, Ada
JoAnn Marie Knapke, Columbus
Jeannette Maryse Koch-Jager, Columbus
Maureen Elizabeth Korte, Medina
Ann Kortyna, Broadview Heights
Mary Elizabeth Kozel, Columbus
Amy Elizabeth Kozelek, Columbus
Roberta Jeanne Kress, Massillon
Collette Marie Kreuz, Canton
Drusilla Ann Krites, St. Marys
Linda Marie Kukor, Columbus

Lisa Marie Lambert, Massillon
 Stefanie Dianne Lanier, Jackson
 Beth Ann Lawson, Cardington
 Mary Elizabeth Leonard, Fairview Park
 Pamela Lorraine Lewis, Cleveland
 Susan Antonette Lewis, Brunswick
 Elizabeth Anne Libby, Woodfield
 Simone Martina Lisac, Euclid
 Louise Leach Long, Rock Falls, IL
 Wendy Jill Long, Worthington
 Laura Lynne Longnecker, Covington
 Amy Kruse Lynn, Pemberville
 Mary Susan Manofsky, Uniontown
 Constance Dimitrios Marousis, Lorain
 Judy Ann Mascazine, Mansfield
 Pamela Marie Mason, Parma
 Thomas Joseph Maulorico, Parma
 Peter Anthony May, Seven Hills
 Jennifer Laurie McCoy, Berea
 Lori Ann Medich, Steubenville
 Barbara Jo Mendenhall, Ludlow Falls
 Sharon Lee Midolo, New London
 Tawnya Lynne Miller, Galion
 Sharalyn Elaine Milliken, Minerva
 Dawn Christine Modic, Chardon
 Wendy Lee Morrow, Medina
 Susan Marie Murphy, Westlake
 Yung Sun Ng, Whitehall
 Jill Renee Nickel, Hudson
 Lisa Marie Oklok, Wintersville
 Kimberly Massengill Pak, Columbus
 Michele Therese Parker, Worthington
 Susan Marie Pelc, Broadview Heights
 Joann Michelle Petro, Youngstown
 Alison Dorothy Philip, Toledo
 Jamie Lynn Pipes, Lakeville
 Lori Beth Priebe, Fort Lauderdale, FL
 Sara Kaye Prince, Frankfort
 Melinda Lee Provost, Washington Court
 House
 Hildegard Florine Prunte, Columbus
 Patricia Anne Pyne, Painesville
 Lisa Ann Raimonde, Defiance
 Sheryl Louise Reif, Newark
 Lorene Terese Reisenfeld, Solon
 Gayle K. Reser, Bucyrus
 Lisa Marie Riblet, Worthington
 Victoria Lynn Riley, Chester, CT
 Kerry Rene Roberts, Middletown
 Kathy Jo Rodgers, Coshocott
 Mary Ann Romaniw, Grove City
 Gretchen Ann Ronshausen, Circleville
 Annette Marie Russell, Hilliard
 Nancy Elaine Ryan, Dayton
 Catherine Mary Salvatore, Akron
 Lynne Victoria Sawicki, Toledo
 Michele Marie Scarpelli, Elyria
 Jill Marie Schaefer, New Carlisle
 Elisa Sue Schaffer, Cincinnati
 Annette Kathy Schuster, Mansfield
 Joan Catherine Seitz, Toledo
 Cheryl Ruth Sharp, Columbus
 Jan Ellen Sheneman, Fresno
 Mary Margaret Shults, Beachwood
 Kathryn Joan Simco, Brookfield
 Eileen Sirridge, Columbus
 Susan Wingenefeld Sizler, Cleveland
 Ann Marie Smith, Columbus
 Lynne Wilkins Smith, Mansfield

Loretta Jane Sommer, Steubenville
 Sally Souder, Amherst
 Julie Lynn Spikerman, Akron
 Neva Marie Spires, Bremen
 Dawn Elaine Stallkamp, Lima
 Amy Marie Stamper, Springfield
 Stephanie Marie Steve, North Olmsted
 Julianne Renee Stober, Mogadore
 Dawn Marie Sturtz, Columbus
 Rebecca Ellen Styers, Delaware
 Joyce Ann Suever, Delphos
 Sally Ann Sutter, Akron
 Beth-Ann Thompson, Shelby
 Maureen Elise Thompson, Columbus
 Susan Lynne Tobin, Cincinnati
 Di Ann Topp, Mechanicsburg
 Le Thanh Thi Tran, Mansfield
 Cheryl Ann Van Buren, Kirkersville
 Amy Lynn Vartorella, Berlin Heights
 Jean Kostryk Waibel, Cleveland
 Janice Kaye Walters, Dayton
 Julie Anne Wermelskirchen, Chesterland
 Deborah Ellen White, Huntsburg
 Tracie Lynn Whitehouse, Hartford
 Kathryn Sue Winefordner, Columbus
 Ann Marie Wohlwender, Cincinnati
 Angela Carol Wright, Coshocott
 Virginia Lynn Yeary, Fairborn
 Amy Ann Zenni, Cincinnati
 Deborah Kay Ziemianski, Whitehall

Denise Leatta Gutman, Piqua
 Margaret Ann Hamilton, Dayton
 Thomas H. Handel, North Canton
 Marsha M. Huff-Mollica, Columbus
 Daniel Mark Jackson, Columbus
 Gregory Jay Knight, Norton
 Douglas John Machiela, Columbus
 Barbara Lynn Malik, Port Clinton
 Daniel Raymond Martin, Mantua
 Derek Thomas Mellott, Columbiana
 Andrew Steven Miller, Columbus
 Thomas Edward Nye, Fostoria
 James Bradley Oatney, Columbus
 Larry Dennis Oxenberg, Columbus
 Rosemary Rita Perl, Massillon
 William Joseph Prothero, Columbus
 James Paul Raymond, Canton
 Philip Charles Reiheld, Orrville
 Janet Kay Ross-Comstock, Columbus
 Patricia Caroline Schwartz, Lorain
 Thomas A. Scullion, Salem
 Peter E. Sforza, Jr., Girard
 Susan Lynn Speidel, Cincinnati
 Christopher Alan Stanwick, New
 Matamoras
 Joseph Benjamin Studebaker, Union
 Andrew Szasz, Chesterland
 William R. Tanner II, Sebring
 William Kurt Theodore, Canfield
 Ellen Linda Vakaleris, Columbus
 Cindy Yvette Weiland, Washington Court
 House
 Douglas J. Wine, St. Mary's

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Randall Ralph Alessi, Tiltonsville
 J. Eric Atkinson, Columbus
 Lidija Marija Balciunas, Cleveland
 Diana Barnett, Columbus
 M. Christopher Barry, Columbus
 Christine Lynn Beiling, Columbiana
 James Gordon Beisel, Copley
 Charles E. Belles, Columbus
 Mark A. Bidlack, Leipsic
 Douglas Wayne Bloss, Columbus
 Anna R. Bodner, Cambridge
 Karen Dawn Bohman, Pepper Pike
 Carol Louise Brown, Columbus
 David Kenneth Burns, Jamestown
 Samuel G. Carifa, Columbus
 Burt S. Carlson, Conneaut
 Rick A. Cherry, Columbus
 Paul Marc China, Seneca Falls
 Todd Ernest Chontos, Martins Ferry
 Timothy Leo Comstock, Columbus
 Steven Jon Curtis, Columbus
 Donald G. Davison, Kitts Hill
 Paul Edward Dennis, Columbus
 Jeffrey Robert Durkin, Barberton
 Nancy Ann Evans, Columbus
 Janet Rose Fett, Sioux Falls, SD
 Douglas John Garbig, Greenville
 Ronald Joseph Gaudio, Columbus
 Katherine Lynn Geyer, Columbus
 David L. Glassco, Columbus

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Najwa S. Abubaker, Kuwait
 Ron Eliyahu Anisfeld, Haifa, Israel
 Grace Helene Arnot,sylvania
 Ann Margarette Basista, Niles
 George Martin Blake, Fairborn
 Kimberley L. Brantley, Fairfield
 Dean Lucas Carson, Ashland
 Lydia Ellen Dalhamer, Carlisle
 Joseph Anthony Dalonzo, Wellsville
 Douglas DelPaggio, Parma
 Lisa Rae Dietrich, Ashtabula
 Mary Elizabeth Dimuzio, Austintown
 Karen Marie Dinninger, Tiffin
 Robert Jules DuPont, Jr., Columbus
 Philip Lee Early, Alliance
 Daniel Smith Finley, New London
 Regina Victoria Garcia, Chesterland
 Cindy Lou Gary, Bridgeport
 Elizabeth Mwihaki Gitau, Nawasha,
 Kenya
 William Roy Hoover, Warren
 Keith Wayne Hostetler, Orrville
 Paula Kay Jung, Elyria
 Shelley Davis Kayle, Akron
 Kristine Ann Kingsbury, Massillon
 Elizabeth Anne Klingler, Columbus
 Mark Thomas Lawrence, Pataskala

Laura Sue Lile, Ada
 Beth Ann Long, Akron
 Harry Chalmers Loucks IV, Danville
 Diane Marie Lyle, Spring, TX
 Michele Rae McKay, St. Clairsville
 Gregory Charles Michaels, Independence
 Mary Agnes Mills, Bloomingdale
 Michael Ervin Moehman, Columbus
 Kenneth William Moss, Ravenna
 Ronald William Myers, Boardman
 Amy Elizabeth Neal, Kenton
 Priscilla WunShoon Ngai, Hong Kong
 Sheryl Sue Oberly, Urbana
 Joseph Simmons Ohr, Youngstown
 Robert William Pfeifer, Columbus
 Gil Ari Pomeranz, Yellow Springs
 Stephen John Ricci, Columbus
 Jeffrey Stephen Richardson, Columbus
 Amy Loretta Riedinger, Randolph
 Jean Ann Schott, Bolivar
 Rosalie Beth Sigall, Columbus
 Jennifer Sue Spidle, Columbus
 Alice Lynn Swisher, Perrysburg
 Todd Andrew Temelkoff, Canfield
 Christ John Ticoras, Warren
 Trudi Rae Truex, Bellville
 Thomas Gregory Urchek, Warren
 Michael David Warmuth,
 Wyomissing, PA
 Todd Michael Wetherill, Columbus
 Mary Ann Worthington, Jackson

College of Social Work

Dean: Richard E. Boettcher

Bachelor of Science in Social Work

Laurie Ann Ahles, Mansfield
 Robin Maria Allen, Canton
 Jennifer Lynn Amidon, Bellefontaine
 Tracey Lynne Bailey, Springfield
 Robert Eugene Bayles, Jr., Marion
 Corey Todd Beard, Fremont
 Michael Charles Berry, Wooster
 Tracy Marie Boyer, Wheelersburg
 Eileen Regina Boyle, Sylvania
 Medrith Lucille Brown, Shelby
 Traci Lee Bulen, Westerville
 Marianne Sue Burket, Grove City
 Veronica Lynn Carpenter-Groff,
 Mansfield
 Laura Susan Cipolaro, Pompton Lakes, NJ
 Renee Diane Collingsworth, Worthington
 Diane Darrah, Randolph
 Pamela Sue Davis, Columbus
 David Lance Desender, Coshocton
 Moira Jean Dugan, Lakewood
 Elizabeth Natalie Egyes, Lorain
 Wanda Denise Hanks-Sunderland,
 Columbus
 Lori Harrison, Youngstown
 Tammy Louise Hauck, Miamisburg
 Gloria Ford Hayes, Reynoldsburg
 Theresa Marie Hedges, Cleveland
 Pamela Ann Himons, Cleveland
 Christine Hinkley, Cambridge

Linda Ann Hirz, North Olmsted
 Amy Jo Hurley-Cooper, Washington
 Court House
 Jeanne Katterine Knowles, Cleveland
 Heights
 Karen Lorine Kuhn, Columbus
 Jacquelyn Ann Lucke, Lima
 Gina Coteal Massey, Springfield
 Anne Francine May, Upper Arlington
 Wanda Ann Price Miller, Columbus
 Luan Mizer, Cadiz
 Cheryl Lynne Molter, North Royalton
 Catherine Rebecca Moore, Buffalo, NY
 Leah Rochelle Wishnia Mueller,
 Louisville, KY
 Vicki Lynne Murphy-Dillow, Columbus
 Monica Lynn Musko, Marion
 Margaret O'Brien-Stose, Marion
 Barbara A. Pavichevich, Columbus
 Cheryl Ray Pettit, Worthington
 Lori Lee Ricketts, Belle Center
 Donna Jean Riepenhoff, Lima
 Phyllis Kay Ritter, Columbus
 Janice Ann Roberts, Columbus
 Cynthia Joy Rubinowski, McKees
 Rocks, PA
 Michael Edward Sexton, Cincinnati
 Rowane Dee Burdette Sloan, Las
 Vegas, NV
 Antoinette Teresa Spriggs, Norwalk
 Melissa Jane Stewart, Norman, OK
 Sandra Lynn Sullivan, South Charleston
 John Edward Tatro, Davison, MI
 Cynthia Eileen Tofanelli, Stow
 Lisa Beth Vendeland, Lyndhurst
 Christine Sue Weaver, Columbus
 Gregory Warren Weiss, Fairview Park
 Michael Benjamin Williams, Bristol, CT
 Michelele LuAnn Willis, Cleveland
 Jennifer Ann Winslow, Kettering
 Shelley Ann Wolf, Beachwood

College of Veterinary Medicine

Dean: Ronald A. Wright

Doctor of Veterinary Medicine

Greg Clayton Allen, Ashland
 B.S.
 Laura Anderson, Columbus
 B.S. (University of Connecticut); M.S.
 Mark Edward Bailey, Omaha, NE
 B.S. and M.S. (Purdue University)
 Denise Raymont Ballinger, Uniontown
 B.S.
 Bradley Eugene Berkelamp, Sidney
 B.S.
 Elizabeth Anne Blakelock, Yellow Springs
 B.S. (University of Kentucky)
 Richard Allen Blose, Green Brook, NJ
 B.S. (Rutgers University)

Molly Sue Bopp, Whitehouse
 Eva Maria Bostek, Butler, NJ
 B.S. (Cornell University)
 John Russell Burr, Warren
 B.A. (Hiram College)
 Carol Louise Butler, Clinton, NY
 B.S. (Cornell University)
 Elizabeth Farnum Carrico, Columbus
 B.S. (Berry College);
 M.S. (Case Western Reserve University)
 Amy Godwin Carter, North Royalton
 B.S. (Cleveland State University)
 Robyn Janine Carter, Cygnet
 B.S.
 Andrea Joan Cecur, Stockton, NJ
 B.S. (Rutgers University)
 Michael Richard Cooper, Bladen, NE
 B.S. (University of Nebraska)
 David Conrad Corfman, Toledo
 Sallie Brent Cosgrove, Pittsburgh, PA
 B.S. (Kenyon College);
 M.S.
 Yvonne Marie Costa, Rio Piedras, PR
 Wendell Phillips Davis,
 Somersworth, NH
 B.S. (University of New Hampshire)
 Timothy Albert DeRosa, Burton
 B.A. (Millersburg State College)
 Sallee Ann Digonno, Fairfield
 B.S.
 Andrew Francis Dull, Cleveland Heights
 B.S., M.S. (Ohio University)
 Stanley William Duncan, Nebraska
 City, NE
 Carol Patterson Edwards, Baltimore, MD
 B.S. (West Virginia University)
 Samuel Paul Gallo, Twinsburg
 B.S. (Marietta College)
 Robert John Gaston, Enon
 B.S. (University of Dayton)
 LuAnn Geib, Jeromesville
 B.S.
 David Michael Getzy, Columbus
 Brian Christopher Gilger, Akron
 Jane Caroline Goecke, Dayton
 B.S. (Wright State University)
 Neil Howard Gray, Pepper Pike
 Beverly Janel Grospitch, Berea
 B.S.
 Nancy Marie Grzenda, Elyria
 B.S.
 Susan Lynn Gulzeth, Euclid
 B.S. (Lake Erie College)
 Mark Ivan Hackel, Columbus
 B.S.
 Mary Beth Hastedt, Mark Center
 B.S., M.S.

Edward Lewis Hayes, Oxford
A.B. (Miami University)

Suzanne Marie Henne, Carson City, NV
B.S. (College of Idaho)

Kevin Joseph Hennessy, Carey
B.S. (Defiance College)

Keith Robert Hildebrand, Canfield
B.A. (Wittenberg University)

Gary Nelson Holmes, Glen Burnie, MD
B.A. (University of Maryland-Baltimore)

Amy Jeanne Holstein, Baltimore, MD
B.S. (Towson State University)

Aaron Kendall Horsch, Westerville

Jenifer Hren, Mt. Vernon

Brian Clair Huntsman, Leipsic

Richard James Hurley, Columbus
B.S. (Stonehill College);
M.S. (University of New Hampshire)

Lynelle Rae Johnson, Cortland
B.A. (Case Western Reserve University)

Paul Donald Jones, Marysville

Barbara Hogya Kelleher, Fairfield
B.S. (University of Cincinnati)

Nancy Lee Kelso, Columbia, MD

Shari Annette Kennedy, Johnstown
B.S.

Theresa Bernadette Klimko, Columbus
ADN, RN (Hocking Technical College)

Michael Howard Knically, Pepper Pike
B.S. (Colorado State University)

Douglas Edward Knueven, Cincinnati

Holly Lynn Kossuth, Bruceton Mills, WV
B.S. (West Virginia University)

Jennifer Marie Lance, Ashland
B.A. (College of Wooster)

Robert Michael Lann, Willoughby

Paul Pierre LeCompte, Dover, NH
B.S. (University of New Hampshire)

Arnold Ira Leeb, Pickerington
B.S.

Tracy Ann Leonard, Kettering
B.S.

Bradford Tracy LeVora, Wooster

Brad Leo Lingenfelter, Sparks, NV
B.S. (University of Nevada-Reno)

Angelika Marie-Louise Lingl, Chagrin
Falls
B.S. (Kenyon College)

Paula Karen Lundin, Wooster
B.S. (Widener College);
M.S.

Lori Kathleen Lutz, St. Marys
B.S.

Richard Andrew Mairs, Wooster

Robert Strother Mann, Lewisburg, WV
B.S. (West Virginia University)

Cynthia Louise Maro, Youngstown

Rhonda Rene Masterson, Somerset
B.S.

Kevin Scott McQuinn, Middletown
B.S.

John William Means, Jr., Cleveland
Heights
B.S., M.S.

Joyce Irene Merryman, Columbus
B.S.

Terry J. Miele, Belleville, NJ
B.S. (Rutgers University);
M.S.

Susan Phyllis Milder, Enon

Paula Fay Moon, Hinckley
A.B. (Grinnell College)

Charles Thomas Moxley, Barnesville
B.S.

Pamela Ann Myers, Whitesboro, NY
B.S. (Syracuse University)

Yasmin Idella Nehal, Akron
B.S., B.A. (University of Akron)

Julie Lynn Nestor, Wooster
B.S.

Robert Thomas O'Brien, Cincinnati
B.S. (University of Maine);
M.S. (University of Cincinnati)

Gary Paul Oswald, Cleveland

Nanette Peg Pasquini, Hasbrouck
Heights, NJ

Joel Walter Percival, Painesville

Kenneth Richard Pitzer, Columbus

Anthony Potorti, Renick, WV

Susan Jane Prescott, Weirton, WV
B.S. (Wheeling College)

Linda Baese Proski, Wauseon

James Marvin Raber, Columbia Station
B.S., M.S., Ph.D.

Elaine Jennifer Rauch, Little Hocking
B.S.

Anthony Peter Remillard, Harrison

Keith Richard Rohrer, North Canton
B.S.

Edward Patrick Rooney, Strafford, NH
B.S. (University of New Hampshire)

Carlton John Schlatter, Defiance
B.S.

Rolfe Harlan Schwartz, Paradise
Valley, NV
B.S. (University of Nevada-Reno)

James Robb Scott, Poland
B.A. (Harvard University)

Rona P. Shapiro, Rockville, MD
B.S., M.S. (University of Maryland)

David Ira Shoup, Orrville
B.S.

Kathleen Vavreck Small, Westerville

Jeffrey Raymond Smiley, Solon
B.S.

Joseph Alton Smith, Cincinnati
B.S.

Robin Dorothy Smith, Uncasville, CT
B.S. (Trinity College);
M.S.

Sherrie Ridenour Smith, Mansfield
B.S.;
M.S. (University of Akron)

Patricia Ann Socha, Bellevue
B.S.

Beth Ann Springston, Tallmadge
B.S., M.S. (University of Akron)

Julie Ann Stotlar, Richmond Heights

Christine Jay Swardson, Athens
B.S. (University of North Carolina)

Suzanne Carole Terrant, Columbus
B.S.

Dennis Lyle Trautwein, Upper Sandusky
B.S.

Angela Marie Untisz, Perry

Michelle Lynn Vallee, Gallipolis
B.A. (Miami University)

Raymund Francis Wack, Dayton
B.S.

William Michael Wagner, Tiffin
B.S. (Heidelberg College)

John Joseph Weale, Forest Park
B.S., M.S. (Vanderbilt University)

Anita Ruth Weidinger, Williamsport

Victoria Ann Wendt, Columbia Station
B.S. (Baldwin-Wallace College)

Joan Elizabeth Wetta, Columbus
B.S.

Thomas William Wood, Lorain
B.A. (College of Wooster)

Andrew Anthony Yosick III, Dover

Cynthia Ann Trout Young, Zanesville

Daniel Paul Young, Hamilton
B.S. (Duke University)

Margaret Ann Young, Columbus
B.S.

Carl Andrew Zaboly, Chagrin Falls
B.S.

Scarlette Marie Zirkle, Bridgeton, NJ
B.S. (Virginia Polytechnic Institute &
State University)

Graduates with Honors

Criteria for graduating with honors are as follows:

With Distinction requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

With Honors in the Liberal Arts requires successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

Cum Laude designates those graduating in the top 10% of the class.

Summa Cum Laude designates those graduating in the top 3% of the class.

With Distinction in Agricultural Economics

Michael James Holt

With Distinction in Animal Science

Donna Marie Broermann

With Distinction in Biochemistry

David Gerard Myszka
Gregory Todd Schulte

With Distinction in Chemical Engineering

Scott Donald Barnicki

With Distinction in Environmental Interpretation

Diane Lee Rogers

With Distinction in Exercise Science Education

Lynn Kathryn Luthern

With Distinction in Natural Resources Development

Anthony Lawrence Gareau

With Distinction in Nutrition

Cynthia Louise Williams

With Distinction in Welding Engineering

Jon E. Blackburn

With Distinction in Zoology

Brian Scott Myers

With Honors in the Liberal Arts

Mitchell Wade Allen
Joseph John Batka, Jr.
Linda Yvonne Brent
Louis Steven DeLuca
Stephen Scott DeWeese
Howard Joseph Fellman
Marjorie Lynn Funk
Andrew Joseph Glass
Wayne Spencer Hall
Jeffrey Patrick Ingram
Elizabeth Ann Kleinhenz
Cynthia Marie Legg
Debbie Eyvonne McGhee
Christopher Michael Orabella
Mark David Perlman
David Andrew Pfarrer
Scott David Spera
Elizabeth Ann Wentz

With Honors in the Liberal Arts and with Distinction in French

Ronald Martin Borucki

With Honors in the Liberal Arts and with Distinction in International Studies

Timothy Perry

Cum Laude

Mouine Hassib Abou-Zaki
Anne Marie Alter
Patricia Jo Anderson
Sandra K. Anderson
Mary Sollinger Applegate
Karen Arduini
Michael Alan Baird
John Perry Baker
Mary Katherine Balas
Joan U. Ball
Denise Raymont Ballinger
Catherine Ann Bannister
Angela Jane Barrett
Thomas Edward Barrett
Michael Craig Bartmess
Kelly Diane Bash
David Richard Behringer
Paul Michael Bellini
Michele Lee Benjamin
Patricia Connor Benson

Michael Robert Berberick
Richard Michael Berger
Dean Oliver Berlon
Rebecca L. Blair
Elizabeth Anne Blakelock
Richard Allen Blose
Markus Bonn
Janine Louise Bowen
Michelle Anne Boyer
Mitchell Andrew Brack
Shaun Patrick Brown
Timothy Kerr Buchanan
Jacqueline Ann Buchman
Traci Lee Bulen
Charles Alan Bulgrin
Raleigh Cathryn Burges
Laura Lynn Burton
Theodore Richard Campbell
Caren Lynn Carlisle
Burt S. Carlson
Mary Jean Carr
Beth Cleo Castrodale
Bernadette A. Champa
Rick A. Cherry
Todd Ernest Chontos
Laura Susan Cipolaro
Andrew Lee Clady
Traci Ann Clark
Kimberly Ann Clary
Anne Elizabeth Cleveland
Nancy Ann Clinton
Gay Ellen Clodfelter
Brian Gary Cole
John Andrew Collet
Evagoras Demetriou Constantinides
Joni Anne Daniel
Jeffrey Allen Daugherty
Yael Davidovitch
Chris Davis
Cheryl Ann DeGood
Carrie Marie Delmoro
Gregory Lewis Denison
Marilyn Floyd Dennison
Bryan Douglas Dobbs
Joseph Edward Dohar
Sheryl Ann Dougherty
Jeffrey Mark Eakins
Gregory Mark Eberhart
Gabriel A. Edde
Elizabeth Natalie Egyes
Nancy Lee Emery
David Frederick Erf
Troy A. Evans
Steven John Farmer
Gregory Ray Feldman
Gary Lane Fenton
Janet Rose Fett
Ronald Alexander Figurella
Dorothy Marie Forte
Lance Andre Francis
Lori Ann Frantz
Jill Ann Frazee
Diane S. Frazier
Patrick Carl Friel
Gwenn Marie Gallenstein
Todd Eugene Gantzler
Timothy John Gardner
Lisa Ann Garrison
Cindy Lou Gary

Timothy John Gelety
 James Robert Gerhart
 Nancy Theresa Gerstner
 Rebecca Marie Gibbs
 Stephanie Ann Glesenkamp
 Kathleen Joanne Gonzales
 James Arthur Goudy II
 Thomas John Greenlee
 Barbara Sander Greivenkamp
 Paul Titus Griesmer
 Joan Elaine Grimes
 Cynthia Ann Guild
 Jean Patrice Haghiri
 Scott Robert Hahn
 Amy Farris Hamrick
 Gina Marie Handy
 Jonathan Eric Harper
 Todd Andrew Harrop
 Robert Justin Haschart
 Eric Edward Heckelman
 Marianne R. Helf
 Laura Ann Henning
 Allen Keith Herpy
 Rosie Marie Herren
 Anne Christine Herring
 Timothy Paul Hershner
 Mark Edward Hertel
 Sharon Lynn Hewes
 Stefani Jo Hines
 Ann Marie Hipsley
 Philip David Hisnay
 Michael James Hoffman
 Christine Marie Holderbaum
 Greg C. Holland
 Howard Scott Howell
 Kathleen Couling Howell
 Jenifer Hren
 David Cary Hudson
 James Paul Hurley
 Linda Ellen Hurwitz
 Stephen Anthony Ignasiak
 Paul Dominic Janini
 Cynthia Papesch Jaun
 John William Jaxtheimer, Jr.
 Lesa Faye Jenkins
 Donald Russell Johnson
 Robert Jeffrey Johnson
 Robert Lee Johnson
 Lisa B. Jones
 Scott Alan Jones
 Yvonne Marie Kanne
 Shelley Davis Kayle
 Diane E. Kayser
 Wendy Michele Kazinec
 Dan Joseph King
 Carol Marie Kleman
 Darlene Marie Kleman
 Ann Renee Koval
 Dean Allen Kreager
 Andrew Louis Kress
 Laura Ann Krietemeyer
 Drusilla Ann Krites
 Denise Marie Kukura
 Anne C. Kundert
 Robert Michael Lann
 Thomas Charles Lasik
 Kathy Lou Leach
 Douglas Edward Lehman
 Robert Foster Lewew

Laura Sue Lile
 Paul Douglas Lindower
 Lyle Stewart Lowry
 Lori Kathleen Lutz
 Athanasios Maggioros
 William Edwin Maginn
 Douglas Michael Magorien
 Robert James Maloney
 Cynthia Louise Maro
 Constance Dimitrios Marousis
 Robert Edward Marsico, Jr.
 Denise Anne Mazón
 Breck Kerr McCracken
 Kelly Lynn McWilliams
 David Stanley Medich
 Harold John Meldick, Jr.
 Anthony Alan Meluch
 Michele Marie Menegay
 Mark Howard Merrick
 Joyce Irene Merryman
 Anna Marie Meyer
 Natascha Miller
 Mindy Ellen Minkin
 Ali Moghaddar
 Kevin John Moore
 Michael Gregory Morgan
 Michael Edward Mozina
 Katherine Swan Munts-Rutherford
 Carolyn Suzanne Murley
 Vicki Lynne Murphy-Dillow
 Jan Alan Neiger
 Kathleen Mary Nelsen
 Kimberly Coreen Newsom
 Priscilla Wun Shoon Ngai
 Stephen Randall Nolen
 Margaret O'Brien-Stose
 Gary Paul Oswald
 Larry Dennis Oxenberg
 Jeffery Allan Oyster
 Virginia Kathleen Paap
 Martin Michael Pallante
 Karl Steven Pappa
 Kevin James Pascoe
 Troy Dwight Paskell
 Thomas Michael Paumier
 Cathy Ann Pavlov
 Robert Lee Payne
 Cheryl Ann Penkowski
 Marty Jo Peterson
 Susan Sheryl Petro
 Brian Keith Pikul
 Kristine Marie Podojil
 Donald Lawrence Potts
 Deborah A. Pozsonyi
 Kent Leroy Ramsey
 Sharon Kaye Randles
 Lorene Terese Reisenfeld
 Gayle K. Reser
 Joan Elizabeth Rich
 Julie Marie Ricker
 Laurie Ann Rinehart
 Janice Ann Roberts
 Janet Sue Robinson
 Jonathan David Robinson
 Julie Ann Roehrenbeck
 Sean Padraic Rooney
 Ronald Richard Ross
 Thomas Anthony Rossi
 David Nicholas Sauer

Michelle Eileen Sawyer
 Michelle Lee Schlotter
 James Robb Scott
 Robert John Searfoss
 Thomas Allen Selvage
 Sandra Marie Sengewalt
 David L. Shaad
 Susan Adele Shipman
 David Ira Shoup
 Cynthia Ann Shroyer
 Christine Marie Shupala
 Julie Margarita Sicard
 Adriane Lynn Siegendorf
 Joseph Alton Smith
 Debra Lynn Snyder
 Susan Carol Snyder
 Joan Bertschy Sonneborn
 Constantine Alex Soulas
 Megan Joan Spellacy
 Jennifer Lynn Spiker
 Neva Marie Spires
 Genevieve Marie Spittler
 Sandra Lynn Stalder
 Dawn Elaine Stallkamp
 Angela Jane Steiner
 Steven Olivier Stewart
 John Matthew Stokes
 Joseph David Suever
 Janet N. Sullivan
 Beth Ann Swanson
 Daniel Casey Talbott
 William R. Tanner II
 Terry Alan Taylor
 Patricia L. Tea
 Hok Peng Teh
 Constance Marie Thiel
 Lana Sharon Thorman
 Nancy Anne Tibbits
 Jeffrey Paul Timen
 Carolyn Sue Torer
 David Scott Trautman
 James A. Vagnier
 Cheryl Ann Van Buren
 Douglas William Vayda
 Mark Roger Vermillion
 E. Roberta Wade
 Elizabeth Sylvia Walker
 Ronald Elias Warwar
 Karen Glenn Wasielewski
 Joseph Anthony Wassink
 Christine Marie Watson
 Elizabeth Jean Watters
 John Wallace Weatherly
 Keith Allen Weaver
 Joan M. Webster
 Lisa Anne Weed
 Anita Ruth Weidinger
 Jeanne Elaine Weisenauer
 Norman Dale Welsh
 Tobin Dean White
 Darryl Neal Willett
 Christine Anne Wilson
 Cynthia Ann Wolock
 Linda Louise Woodyard
 Mary Ann Worthington
 Stacy Yeoh
 Amy Ann Zenni
 Katherine Maria Zittel

Melanie Anne Zoller
Michael Alan Zupancic

**Cum Laude with Distinction in
Agricultural Economics**

Lynn Kay Settlemyre

**Cum Laude with Distinction in
English**

Jennifer Ann Kleine

**Cum Laude with Distinction in
Family Relations and Human
Development**

Marie Angela Kin

**Cum Laude with Distinction in
Industrial Technology**

Christopher Gecik

**Cum Laude with Distinction in
Mechanical Engineering**

Gregory Scott Elliott
Bernard James Renggli

**Cum Laude with Distinction in
Nutrition**

Matthew McHugh

**Cum Laude with Distinction in
Pharmacy**

Michael Ervin Moehrman

**Cum Laude with Distinction in
Philosophy**

Scott Alan Davison

**Cum Laude with Distinction in
Psychology**

Wendy Allison Baker
Elliot Blumenstein

**Cum Laude with Honors in the
Liberal Arts**

Francis Joseph Alexander
Lorin Ann Banker
Munish Kumar Batra
John Bradley Britton
Andrea Joy Hart
Laena Marie Karnstedt

Andrea Marie Kuntzman
Scott-Eric Lindner
Gerardo Clement Orlando
Upinder Singh
Tammy Lynn Tormasi
Lurleen Yiamouyiannis

**Cum Laude with Honors in the
Liberal Arts and with Distinction
in Speech and Hearing Science**

Rachel Dobres

**Cum Laude with Honors in the
Liberal Arts with Distinction in
Zoology**

Diane Susan Heien

Summa Cum Laude

Denise Wiles Adams
David Neal Agin
Nadia Ala-U-Dini
Carol Sue Alfman
Michelle Louise Bast
Gerhard Alexander Berberich
Nancy Marie Blozis
Eva Maria Bostek
Melissa Ann Bressler
Kristina Jacobson Bridgman
Janice L. Cabral
Julie Kay Carleton
Nancy Ann Comparin
Anthony Edward Core
Terry Lee Correll
Robert Baxter Cory
Merri-Lynn Cushman
Joseph Lee Daniels
Randy Lee Delposen
Christopher Edward Donohue
Christopher Dean Drobniak
Barbara Lea Earnheart
Linda Marie Eckart
John Richard Evans
Nancy Marie Farnlacher
John Francis Feller
Christine Marie Flechler
Timothy Allen Frump
Tin Yue Fung
Nicole Marie Girouard
Deborah Ann Gries
Veronica Lynn Groff
Laura Jean Hamilton
Margaret Ann Hamilton
Bryan Lawrence Hawkins
Brigid Ellen Heid
Kathleen Renee Heskett
Rodney James Hicks
Michael Ashley Hoover
Jane Ellen Houg
Doreen M. Hsu
Deirdre Elaine Ingram
Veronique Jeanne Jarrett
Nancy Lee Kelso

Michael John Kleer
Debra Ann Klein
Peter Gerard Klimko
Theresa Bernadette Klimko
Kathryn Louise Knuth
Jeanne Ellen Kohnhorst
Hsueh-Ni Lee
Tara Ann Lee
Thomas Peter Lehr
Robert Joseph Lowes
Suzanne Macha
Laurie E. Martt
Jeffrey Floyd McAdoo
John Daniel McElroy
Matthew Joseph Messina
Cheryle Jean Metro
Susan Phyllis Milder
Linda M. Miller
Derek Edward Montgomery
Michael Joseph Montgomery
Anne Lorene Mueller
Susan Jean Nally
Rosemarie November
Susan Kaye Palmer
Penny Beth Parker
Kristina Pawlikowski
Michelle J. Paxton
Julia Christman Phillips
Gil Ari Pomeranz
Marian Sue Read
Christina Ann Regule
John Dominic Rice
Denise Annette Richey
Anne Elizabeth Ritter
Therese Marie Rose
Robert Clyde Rowley
Christine Marie Sandor
Melanie Ann Schirtzinger
Keith Allan Schmidt
Peggy Anne Schotzinger
Janet Louise Selby
Sharon Kay Shaeffer
Diane K. Share
Julia Lynn Simonian
Lynne Wilkins Smith
Brian Harold Snavely
Melissa Jane Stewart
Joyce Ann Suever
John Edward Tatro
Larry D. Turvy, Jr.
Elizabeth Anita Vaughn
Wendy Sue Wallace
Panfilas Wattanasarn
Susan Deborah Weisler
Amy Beth Willdman
Julie Ann Wilson
Paul Austin Wilson
Alison May Woods
Mary Kay Yerina
Hee-Woon Yum

**Summa Cum Laude with Distinction
in Accounting**

Jennifer D'Amico

**Summa Cum Laude with Distinction
in Aeronautical and Astronautical
Engineering**

Charles David Carlson, Jr.

**Summa Cum Laude with Distinction
in Agricultural Education**

Janet Chandler Pickford

**Summa Cum Laude with Distinction
in Chemistry**

Michael Wesley Drobnik

**Summa Cum Laude with Distinction
in Electrical Engineering**

Raymond Edward Slyh

**Summa Cum Laude with Distinction
in English**

Susan Michelle Lang

**Summa Cum Laude with Distinction
in Horticulture**

Michael Victor Ruggiero

**Summa Cum Laude with Distinction
in Human Nutrition and Food
Management**

Martha Ann Mahler

**Summa Cum Laude with Distinction
in Medical Technology**

Patricia Diane Bella

**Summa Cum Laude with Distinction
in Orchestral Instrument**

Jeanie Kathryn Lee

**Summa Cum Laude with Distinction
in Pharmacy**

Robert William Prier
Christ John Ticoras

**Summa Cum Laude with Distinction
in Wildlife Management**

Mark Richard Otten

**Summa Cum Laude with Honors in
the Liberal Arts**

Mark William Aninao
Monica Mary Cahill
Karen Elaine Conrad
Steven Lewis Elieff
Diana Carole Lee
John David Morgan
David Churchill Oglevee
Carl Vincent Phillips II
Scott Edward Reddig
Debra S. Roelle
Sara R. Rubin
Katerina Sophia Taiganides
James Hugo Williamson, Jr.

**Summa Cum Laude with Honors in
the Liberal Arts and with
Distinction in Biology**

Brenda Sue Holland

**Summa Cum Laude with Honors in
the Liberal Arts and with
Distinction in Economics**

Caroline Mary Gentile

**Summa Cum Laude with Honors in
the Liberal Arts and with
Distinction in English**

Julie Diane Polter

**Summa Cum Laude with Honors in
the Liberal Arts and with
Distinction in Mathematics**

Thomas Scott Boardman
John Whitaker Havlicek

**Summa Cum Laude with Honors in
the Liberal Arts and with
Distinction in Modern Greek**

Caroline Frances Anne Seymour

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND THIRTY-FIRST MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 4 and 5, 1987

The Board of Trustees met at its regular monthly meeting on Thursday, June 4, and Friday, June 5, 1987, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *
Minutes of the last meeting were approved.

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June 4 and 5, 1987 meeting, Board of Trustees

The Chairman, Mr. Redman, called the meeting of the Board of Trustees to order on June 4, 1987, at 6:30 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Edmund C. Redman, Chairman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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Mr. Redman reconvened the meeting on June 5, 1987, at 9:40 a.m.

Present: Edmund C. Redman, Chairman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, Deborah E. Casto, and John W. Kessler.

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COMMITTEE APPOINTMENTS 1987-88

Resolution No. 87-131

WHEREAS the appointments to Committees and representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, the Inter-University Council, the University Hospitals Board, and the University Foundation Board of Directors for 1987-88 are as follows:

Educational Affairs Committee	John W. Berry, Chairman Deborah E. Casto, Vice Chairman Hamilton J. Teaford
Fiscal Affairs Committee	John J. Barone, Chairman John W. Kessler, Vice Chairman Shirley D. Bowser
Standing Committee on Agricultural Affairs	Shirley D. Bowser, Chairman Steven D. Maurer, Vice Chairman Ex Officio Deborah E. Casto
Student Affairs Committee	Hamilton J. Teaford, Chairman John W. Kessler, Vice Chairman Milton A. Wolf
Personnel Committee	Edmund C. Redman, Chairman Leonard J. Immke, Vice Chairman John W. Berry
Development Fund Board of Directors	John W. Kessler (1987-89) Milton A. Wolf (1987-89)
Inter-University Council	Milton A. Wolf (subject to modification)
Research Foundation Board of Directors	John J. Barone (1987-90)

June 4 and 5, 1987 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1987-88 (contd)

University Hospitals Board Leonard J. Immke
 Shirley D. Bowser

University Foundation Board Hamilton J. Teaford*
of Directors Leonard J. Immke

*Executive Committee

NOW THEREFORE

BE IT RESOLVED, That the Committee appointments and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, the Inter-University Council, the University Hospitals Board, and the University Foundation Board of Director for 1987-88 are hereby ratified and confirmed.

Upon motion of Mr. Berry, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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ESTABLISHMENT OF A NEW RULE — RULES OF THE UNIVERSITY FACULTY

Resolution No. 87-132

Synopsis: Establishment of a new rule, 3335-7-231, of the Rules of the University Faculty is proposed.

WHEREAS the University has established a policy on the retention or disposal of materials submitted by students to meet course requirements; and

WHEREAS this policy was approved in 1978, by the Council on Academic Affairs with the concurrence of the Council on Student Affairs and the Committee on Academic Freedom and Responsibility; and

WHEREAS such a policy should be part of the Rules of the University Faculty; and

WHEREAS the proposed rule has been endorsed by the Council on Student Affairs and the Committee on Academic Freedom and Responsibility; and

WHEREAS the University Senate approved this action at their May 2, 1987 meeting, as follows:

NEW RULE

3335-7-231 Retention or disposal of materials submitted to meet course requirements.

- (A) Materials submitted by a student to satisfy course requirements shall either be returned to the student or made available for the student's inspection, after they have been marked or otherwise evaluated, before the end of the quarter, semester, session, or term in which the work is performed or, in the case of final projects and

June 4 and 5, 1987 meeting, Board of Trustees

ESTABLISHMENT OF A NEW RULE -- RULES OF THE UNIVERSITY FACULTY (contd)

final examinations, no later than the fourteenth day of instruction of the following quarter, semester, session, or term.

- (B) Materials of this kind which have not been returned to the student shall be retained by the academic unit or the individual instructor until the last day on which a grade change may be initiated as provided for in rule 3335-7-23 (A) of the Administrative Code. An exception to this rule may be made in the case of materials that are impracticable to store if the need for such exception is clearly communicated in writing and distributed to the students at the beginning of the course.

NOW THEREFORE

BE IT RESOLVED, That the establishment of rule 3335-7-231, Retention or Disposal of Materials Submitted to Meet Course Requirements, is hereby approved.

Upon motion of Mr. Berry, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 87-133

Synopsis: Amendments to rules 3335-5-486, 3335-7-10, and 3335-7-33 are being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on May 2, 1987, as follows:

AMENDED RULES

3335-5-486 Council on admission and registration.

- (A) Unchanged.
- (B) Duties and responsibilities.

Review current practices and policies, initiate recommendations for change, and review proposed changes in practices and policies concerning admission to the university, registration and scheduling, and student academic records. These would include, but not be limited to:

- (1) Selection criteria, conditions, requirements, restrictions, fees, deadlines, and procedures for evaluation of transfer credit as these pertain to admission to the university.

June 4 and 5, 1987 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (2) Procedures and policies for registration and scheduling including scheduling priorities for students, restrictions on scheduling, and student schedule adjustments, as well as deadlines and fees associated with registration and scheduling.
- (3) Content of student academic records, as well as their compilation, maintenance, dissemination, and use.

Recommendations on these matters should be made to the university administrators dealing with admission, registration and scheduling, and to the university senate as appropriate. The vice president for academic affairs and provost, the vice provost for student affairs, the office of the university senate, and the vice president for finance shall be notified of all actions of the council. Recommendations which in the opinion of the vice president for academic affairs and provost would affect academic policies shall be reviewed by the council on academic affairs.

3335-7-10 Academic publications.

All official bulletins of the university shall be published from the copy furnished by the council on academic affairs; but mere editorial changes, as defined by the council on academic affairs, may be made in such copy by the appropriate designated individual in the office of academic affairs after receiving the approval of the department or school concerned.

3335-7-33 Conditions for disenrollment from a course.

- (A) After consultation with the instructor, the chairperson of the instructor's department (or other appropriate administrative official) may disenroll a student from a course if:
 - (1) After the third instructional day of the quarter, semester, session, or term, the first Friday of the quarter, or the student's second scheduled class session of the course, whichever occurs first, the student fails to attend the scheduled course without giving prior notification to the instructor. Under this paragraph, no student may be disenrolled from a course before that course has met. When the department elects to use this procedure, the chairperson (or other appropriate administrative official) shall notify the student's enrollment unit. The enrollment unit will notify the student and take appropriate action to remove the student from the course.

Since not all departments exercise the option to disenroll students in all courses, this rule does not relieve the student of the responsibility for dropping such a course the student is not attending.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

June 4 and 5, 1987 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 87-134

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the May 8, 1987 meeting of the Board, including the following Change in Title, Appointments, Concurrent Appointment, Appointment of Chairpersons of Departments, Reappointment of Chairperson of Department, Leaves of Absence Without Salary, Professional Improvement Leaves, Promotions/Tenure, and Emeritus Titles as detailed in the University Budget be approved.

Change in Title

Name:	JOHN O. RIEDL
Title:	Dean/Director and Associate Professor
Office/Department:	Mansfield Campus/Mathematics
Effective:	July 1, 1987*
Salary:	\$75,000.00
Present Position:	Special Assistant to the Vice President, Academic Affairs Administration and Mansfield Campus Administration; Associate Dean, College of Mathematical and Physical Sciences - Administration; and Associate Professor, Department of Mathematics

Appointments

Name:	JAMES J. BISHOP
Title:	Special Assistant to the Provost
Office:	Academic Affairs
Effective:	September 1, 1987*
Salary:	\$90,000.00
Present Position:	Vice Provost for University Life, University of Pennsylvania, Philadelphia, PA

Name:	MANNING MARABLE
Title:	Chairperson and Professor
Department:	Black Studies
Effective:	September 1, 1987
Salary:	\$72,000.00 (9-month appointment)
Present Position:	Professor of Sociology and Political Science Purdue University, West Lafayette, IN

Name:	ROBERT L. ARNOLD
Title:	Acting Dean and Associate Professor
College/Academic Faculty:	The Arts/The Arts in Education
Effective:	July 1, 1987*
Salary:	\$64,800.00

*12-month appointment, unless otherwise specified.

June 4 and 5, 1987 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Present Position: Acting Associate Dean in the College of The Arts and Associate Professor in the Academic Faculty of The Arts in Education

Concurrent Appointment

Name: WILLIAM J. STUDER
Title: Director of University Libraries
Office: Academic Affairs
Added Responsibilities: Coordinator of activities for the Wexner Center for the Visual Arts
Effective: July 1, 1987*
Appointment Period: Indefinite
Salary: \$88,760.00

*12-month appointment, unless otherwise specified.

Appointment of Chairpersons of Departments

July 1, 1987 through June 30, 1991

Botany	Daniel J. Crawford
Molecular Genetics	Philip S. Perlman

Reappointment of Chairperson of Department

July 1, 1987 through June 30, 1991

Dance	Vera J. Blaine
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Leaves of Absence Without Salary

PRABUDDHA DE, Associate Professor, Academic Faculty of Accounting and Management Information Systems, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988, to accept a Distinguished Professorship at the University of Dayton.

SHIGERU MIYAGAWA, Assistant Professor, Department of East Asian Languages and Literatures, effective Spring Quarter 1987, to accept a research position at MIT.

BECKY K. KOCH, Instructor, School of Health, Physical Education, and Recreation, effective May 4, 1987, through June 30, 1987, for personal reasons.

Professional Improvement Leaves

ROBERT E. BAILEY, Professor, Department of Mechanical Engineering, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

CARL W. BIRKY, JR., Professor, Department of Molecular Genetics, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

DAVID C. FERREE, Professor, Department of Horticulture, effective September 14, 1987, through March 31, 1988.

June 4 and 5, 1987 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

HENRY H. GLOVER, Professor, Department of Mathematics, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

ALBERT L. KUNZ, Professor, Department of Physiology, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

HAROLD MOELLERING, Professor, Department of Geography, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

HENRI MOSCOVICI, Professor, Department of Mathematics, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

R. CLAYTON ROBERTS, Professor, Department of History, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

JOHN G. STREETER, Professor, Department of Agronomy, effective September 1, 1987, through May 31, 1988.

GREGORY M. TRAVALIO, Professor, College of Law, effective Autumn Semester 1987, and Spring Semester 1988.

NEIL R. BAKER, Associate Professor, Department of Microbiology, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

RAYMOND H. DOMINICK III, Associate Professor, Department of History (Mansfield Campus), effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

ALEXANDER DYNIN, Associate Professor, Department of Mathematics, effective Autumn Quarter 1987 and Winter Quarter 1988.

KIMBERLY M. ELAM, Associate Professor, Department of Industrial Design, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

THOMAS B. GREGORY, Associate Professor, Department of Mathematics (Mansfield Campus), effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

JOHN P. KLEIN, Associate Professor, Department of Statistics, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

GENE E. MUMY, Associate Professor, Department of Economics, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

JACK L. NASAR, Associate Professor, Department of City and Regional Planning, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

FELICISIMA C. SERAFICA, Associate Professor, Department of Psychology, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

GOLDIE SHABAD, Associate Professor, Department of Political Science, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

June 4 and 5, 1987 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

RAJENDRA SINGH, Associate Professor, Department of Mechanical Engineering, effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

R. VLADIMIR STEFFEL, Associate Professor, Department of History (Marion Campus), effective Autumn Quarter 1987, Winter Quarter and Spring Quarter 1988.

Emeritus Titles

BRADLEY CHAPIN, Department of History, with the title Professor Emeritus, effective July 1, 1987.

KARL V. CLEMONS, Cooperative Extension Service, with the title Professor Emeritus, effective July 1, 1987.

WILLIAM E. COPELAND, SR., Department of Obstetrics and Gynecology, with the title Professor Emeritus, effective July 1, 1987.

PATRICK R. DUGAN, Department of Microbiology, with the title Professor Emeritus, effective July 1, 1987.

WALTER C. GIFFIN, Department of Industrial and Systems Engineering, with the title Professor Emeritus, effective July 1, 1987.

LIT S. HAN, Department of Mechanical Engineering, with the title Professor Emeritus, effective June 1, 1987.

G. ROBERT HOLSINGER, School of Journalism, with the title Professor Emeritus, effective September 1, 1987.

CHARLES M. MARTIN, Cooperative Extension Service and Department of Animal Science, with the title Professor Emeritus, effective June 1, 1987.

THOMAS J. MCDONOUGH, Cooperative Extension Service, with the title Professor Emeritus, effective June 1, 1987.

JOHN A. SCHMITT, Department of Botany, with the title Professor Emeritus, effective July 1, 1987.

JOHN S. VASKO, Department of Surgery, with the title Professor Emeritus, effective May 1, 1987.

HENRY S. BRINKERS, Department of Architecture, with the title Associate Professor Emeritus, effective July 1, 1987.

ROY L. DONNERBERG, Department of Internal Medicine, with the title Associate Professor Emeritus, effective July 1, 1987.

W. RAYMOND MILLS, Department of City and Regional Planning, with the title Associate Professor Emeritus, effective July 1, 1987.

WILLIAM F. ROHRS, Cooperative Extension Service, with the title Associate Professor Emeritus, effective July 1, 1987.

June 4 and 5, 1987 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

LORIN G. SANFORD, Cooperative Extension Service, with the title Associate Professor Emeritus, effective July 1, 1987.

ETHEL RINE SHAW-NICKERSON, Department of Life Span Process, with the title Associate Professor Emeritus, effective October 1, 1987.

GERALD D. STANLEY, Cooperative Extension Service, with the title Associate Professor Emeritus, effective June 1, 1987.

JAMES R. HULL, College of Dentistry - Orthodontics, with the title Assistant Professor Emeritus, effective July 1, 1987.

NORMA E. KERN, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1987.

RICHARD O. SMITH, Department of Animal Science, with the title Assistant Professor Emeritus, effective July 1, 1987.

MARILYN M. REED, Cooperative Extension Service, with the title Instructor Emeritus, effective June 1, 1987.

Upon motion of Mr. Teaford, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 87-135

Synopsis: Resolutions honoring the service of two of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Zeph J. R. Hollenbeck

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 15, 1987, of Dr. Zeph J. R. Hollenbeck, Professor Emeritus in the Department of Obstetrics and Gynecology.

Zeph John Reed Hollenbeck was born in Madison, Indiana, the son of a veterinarian with the United States government. He grew up in several cities across the Midwest and ultimately came to Columbus to complete his baccalaureate degree at The Ohio State University in 1931, after which he went on to study medicine at OSU. He received the Doctor of Medicine degree Cum Laude in 1935. He did his residency training in surgery and Ob-Gyn at Henry Ford Hospital in Detroit, Michigan.

Dr. Hollenbeck was in the private practice of his specialty in this community for over four decades and he was an integral part of the

June 4 and 5, 1987 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Zeph J. R. Hollenbeck (contd)

teaching program in Obstetrics and Gynecology at The Ohio State University from 1940 until his retirement from the faculty in 1980. Upon his retirement he was named Professor Emeritus. In addition, he served for twenty years as Chief of Staff of St. Ann's Hospital. He was Attending Obstetrician/Gynecologist at University Hospitals and Riverside Methodist Hospital, and was a consultant in Obstetrics and Gynecology at Children's Hospital, Mt. Carmel Hospital, and to the Veterans Administration Hospital in Dayton.

Zeph, as he was known to a myriad of professional colleagues and friends, took an active and leading role in many medical organizations. He was a founding member of the Columbus Obstetric/Gynecological Society and served as its first president in 1944. He was a Fellow of the American College of Surgeons and a member of its Board of Governors. He was a member and president of the Central Association of Obstetricians and Gynecologists. He was a Fellow of the American College of Obstetricians and Gynecologists and he chaired the Ohio Section of that organization. He was a member and president of the Central Travel Club of Obstetricians and Gynecologists and he was a member of the Association of Professors of Gynecology and Obstetrics.

Dr. Hollenbeck held memberships in Sigma Chi, honorary scientific fraternity; Alpha Omega Alpha, honor medical society; and he was the recipient of an Alumni Achievement Award from the College of Medicine. He served his alma mater as president of The Ohio State University College of Medicine Alumni Association in 1974-75.

Dr. Hollenbeck's clinical and research activities centered around clinical management of Stages I and II carcinoma of the cervix, the treatment of urinary stress incontinence, and the development of surgical techniques which he passed on to his residents with vigor and enthusiasm. His role in his specialty was one of distinction both locally and nationally, bringing credit to his alma mater, to the institutions of which he was a part, and to the profession of medicine as well. His death on April 15, 1987, in many ways marked the end of an era.

On behalf of the university community, the Board of Trustees expresses to the family of Zeph J. R. Hollenbeck its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Clarence E. Jackson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 2, 1987, of Clarence E. Jackson, Professor Emeritus in the Department of Welding Engineering.

Professor Jackson received his B.A. with honors from Carleton College in 1927. He began his career as a metallurgist with the National Bureau of Standards in 1930 and during World War II was with the Naval Research Laboratory, the start of his long association with welding research. His studies included the processes and metallurgy of welding, particularly regarding high strength steels and aluminum alloys. He entered the

June 4 and 5, 1987 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Clarence E. Jackson (contd)

private sector in 1946, conducting welding research at Union Carbide. During this period some of his most well-known contributions were made involving welding arc physics and the chemistry of slag-metal reactions.

Professor Jackson's 13-year career at The Ohio State University began in 1964. While at OSU, he supervised research programs and introduced several new courses into the curriculum of the department. Upon his retirement in 1977, he was named Professor Emeritus. Following his retirement, he continued teaching his ever-popular "Fluxes and Slags" to new generations of welding engineering students. He served on numerous committees of the American Welding Society, and held many offices, including the Presidency in 1963-64. He was active in the International Institute of Welding as Delegate, Expert, and Chairman of several commissions. He published over 70 papers, held over 50 patents and advised over 40 graduate theses. His 1960 Adams Lecture, "The Science of Arc Welding," is considered a classic.

Professor Jackson received the Distinguished Civilian Service Award from the Navy and numerous awards from the American Welding Society, including the Samuel Wylie Miller Gold Medal; the National Meritorious Service Award; the Adams Memorial Membership; and the R. D. Thomas Memorial Medal. He was an Honorary Fellow of the British Institute of Welding and was recognized by Carleton College with an Alumni Achievement Award in 1981. He was notified in April that The Ohio State University College of Engineering had designated him as recipient of its "Meritorious Service Citation." It was presented posthumously to his son, William, in ceremonies at Ohio State University on May 15, 1987.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Jackson its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Upon motion of Mrs. Bowser, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 87-136

Synopsis: The reports on contracts, grants, and gifts and the summary for April 1987 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of April 1987 be approved.

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR APRIL 1987

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	108	\$7,796,440.50
Engineering Experiment Station	42	\$ 386,320.00
Total	150	\$8,182,760.50

The Ohio State University Development Fund

Establishment of Named Funds

R. David Thomas Cancer Research Institute Endowment Fund (Support cancer research)	\$ 624,625.00
The Steve R. and Sarah E. O'Donnell Computer and Information Science Fund (Aid the research, teaching, and service programs/facilities)	\$ 400,000.00
The Steve R. and Sarah E. O'Donnell Endowment Fund in Electrical Engineering (Aid the research, teaching, and service programs/facilities)	\$ 400,000.00
The Department of Philosophy Faculty Support Fund (Support for Faculty Research and Instructional Enrichment)	\$ 400,000.00
The Clara M. and Peter L. Scott Faculty Award for Excellence in Engineering Education (Award will be presented to an outstanding educator among the senior faculty members)	\$ 46,875.00
Michael Del Bane Memorial Cancer Research Fund (Support cancer research)	\$ 35,000.00

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR APRIL 1987 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Hazen and Anna Jane Hildebolt Preble County Scholarship Fund (Scholarships to students from Preble County majoring in Agriculture or Home Economics)	\$ 24,000.00
The Hulda Ungericht Wells Scholarship Fund (Scholarships in the College of Home Economics)	\$ 20,000.00
Richland County Ohio State University Alumni Club The Ohio State University at Mansfield Scholarship Endowment Fund (Scholarships to students residing in Richland County and attending OSU Mansfield Campus)	\$ 15,000.00
The Ichthyology Research Endowment Fund (Support research and publication on the collection of Fishes)	\$ 15,000.00

Change of Name and Description of Named Funds

From: The Richard L. Basch Memorial Learning Resource Fund	
To: The Dr. Lewis R. Basch and Dr. Richard L. Basch Memorial Award	
From: Intercollegiate Livestock Evaluation Team Endowment Fund	
To: Intercollegiate Livestock and Meat Judging Teams Endowment Fund	
From: The Lee D. Moody Scholarship Fund	
To: The Lee D. Moody Civil Engineering Loan Fund	

Change in Description of Named Funds

The Henry and Blanche Abell Endowment Fund

The John McKittrick Family Fund

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - April 1987

Federal Research Contracts/Grants

\$423,740.00 - Department of Labor, Bureau of Labor Statistics, Washington, D.C., National Longitudinal Surveys of Labor Market Experience - NICHD, Center for Human Resource Research (K. I. Wolpin), 17 June 1985 through 30 September 1987. (Project 764806 - Continuation)

\$360,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Joint Services Electronics Program (JSEP), Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr., P. H. Pathak, E. H. Newman, R. T. Compton, C. D. Chuang, and N. N. Wang), 1 October 1986 through 30 September 1987. (Project 760914 - Continuation)

\$285,758.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Endotracheal Suctioning in Acutely Ill Adults, Department of Life Span Process (K. S. Stone), 1 April 1987 through 31 March 1988. (Project 765998 - New)

\$170,616.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine - Administration (D. G. Cornwell), 1 April 1987 through 31 March 1988. (Project 761078 - Continuation)

\$168,127.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Stereochemistry of Enzyme Reactions, Department of Chemistry (H. G. Floss), 1 April 1987 through 31 March 1988. (Project 763422 - Continuation)

\$163,906.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Molecular Biology of Organellar Translocation, Department of Microbiology (B. R. Oakley and D. R. Galloway), 1 April 1987 through 31 March 1988. (Project 763502 - Continuation)

\$154,764.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Genetics of Myogenesis: Structure and Function, Department of Molecular Genetics (S. Falkenthal), 1 June 1987 through 31 May 1988. (Project 763993 - Continuation)

\$151,587.00 - Department of the Army, Maryland Procurement Office, Ft. George G. Meade, Maryland, Microwave Antenna Technology, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 1 March 1987 through 30 September 1987. (Project 765096 - Continuation)

\$149,635.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, Research and Graduate Studies Administration (T. L. Sweeney), 1 April 1987 through 31 March 1988. (Project 764748 - Continuation)

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$144,000.00 - Department of the Army, Defense Supply Service, Washington, D.C., The Problem of Net Assessment in an Historical Context, Mershon Center for Education (A. R. Millett) and Department of History (W. Murray), 25 April 1987 through 30 September 1987. (Project 765401 - Continuation)

\$143,184.00 - Department of Education, Office of Higher and Continuing Education, Washington, D.C., National Resource Center - East Asia and Fellowship in East Asian Studies, University Center for International Studies, Departments of East Asian Languages and Literatures and Anthropology (C. M. Chen), 15 August 1987 through 14 August 1988. (Project 764877 - Continuation)

\$140,000.00 - National Science Foundation, Washington, D.C., Research in Astrophysics, Medium Energy Physics and Fundamental Particles, Department of Physics (R. N. Boyd), 1 May 1987 through 30 April 1988. (Project 765332 - Continuation)

\$132,897.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Ia Expression by Macrophages from Bcg^F and Bcg^f Mice, Department of Microbiology (B. S. Zwilling), 1 April 1987 through 31 March 1988. (Project 765985 - New)

\$132,678.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, A Model of Parainfectious Demyelinating Encephalitis, Department of Veterinary Pathobiology (G. S. Krakowka), 1 April 1987 through 31 March 1988. (Project 762797 - Continuation)

\$126,722.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Characterization of Anticoagulant Heparin Determinants, Department of Chemistry (D. Horton), 1 April 1987 through 31 March 1988. (Project 764008 - Continuation)

\$113,986.00 - Department of Energy, Argonne, Illinois, Investigations of Ultrasonic Wave Interactions at Boundaries Separating Anisotropic Materials, Department of Welding Engineering (L. Adler), 1 April 1987 through 31 March 1988. (Project 764033 - Continuation)

\$108,972.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Immunochemical Analysis of Exotoxin-A from Pseudomonas aeruginosa, Department of Microbiology (D. R. Galloway), 1 April 1987 through 31 March 1988. (Project 765322 - Continuation)

\$107,559.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Acute Regulation of Casein Secretion and Degradation, Department of Veterinary Pathobiology (C. L. Brooks), 1 May 1987 through 30 April 1988. (Project 765962 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

103,841.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Deletion in Alpha- and Beta-Globin Gene Clusters, Department of Biochemistry (E. F. Vanin), 1 April 1987 through 31 March 1988. (Project 764634 - Continuation)

\$92,129.00 - Department of Education, Office of Special Education, Washington, D.C., Handicapped Personnel Preparation -- Preparation of Special Educators, School of Health, Physical Education and Recreation (W. F. Ersing), 1 July 1987 through 30 June 1988. (Project 765519 - Continuation)

\$80,425.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Chemical Modification Conformational Changes and Electrostatic Effects in Plastocyanin, Department of Biochemistry (E. L. Gross), 1 April 1987 through 31 March 1988. (Project 765991 - New)

\$79,029.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Mediastinal Effects on Pulmonary Function, Department of Veterinary Physiology and Pharmacology (L. E. Olson), 1 April 1987 through 31 March 1988. (Project 765986 - New)

\$76,225.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Intestinal Toxicity of 5-Fluorouracil and Leucovorin, College of Pharmacy (J. L. S. Au), 1 May 1987 through 30 April 1988. (Project 766016 - New)

\$75,280.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Establishment of Department of Family Medicine, Department of Family Medicine (T. Williams and J. S. Monk), 1 September 1987 through 31 August 1988. (Project 765671 - Continuation)

\$74,038.00 - National Science Foundation, Washington, D.C., Molecular Beam Reactions Involving Metal Hydroxides and Hydrides, Department of Chemistry (J. M. Parson), 1 December 1986 through 30 November 1987. (Project 765988 - New)

\$72,500.00 - National Science Foundation, Washington, D.C., Chemistry of Metal-Carbon and Metal-Metal Bonds, Department of Chemistry (A. Wojcicki), 1 June 1987 through 31 May 1988. (Project 764673 - Continuation)

\$70,000.00 - National Science Foundation, Washington, D.C., Nucleotide Sites of Calmodulin - Dependent Protein Kinase, Department of Chemistry (M. M. King), 1 August 1987 through 31 July 1988. (Project 764892 - Continuation)

\$65,474.00 - National Science Foundation, Washington, D.C., Fourier

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Transform Ion Cyclotron Resonance Mass Spectrometry, Chemical Instrumentation Center, Departments of Biochemistry and Chemistry (A. G. Marshall), 1 May 1987 through 30 April 1988. (Project 766017 - New)

\$59,819.00 - National Science Foundation, Washington, D.C., Pollen Analysis of Three Long Cores from Arctic Alaska: A Test of Current Concepts in Beringian Paleoecology, Department of Zoology and Byrd Polar Research Center (P. A. Colinvaux), 1 March 1987 through 29 February 1988. (Project 765920 - New)

\$56,673.00 - National Science Foundation, Washington, D.C., Algebraic Algorithms and Systems, Department of Computer and Information Science (G. E. Collins), 1 October 1986 through 31 January 1988. (Project 765735 - Continuation)

\$55,200.00 - National Science Foundation, Washington, D.C., The Structure of Fossil Phloem, Byrd Polar Research Center (E. L. Smoot), 1 January 1987 through 31 October 1988. (Project 765956 - New)

\$50,850.00 - National Science Foundation, Washington, D.C., Elliptic Curves with Complex Multiplication, Department of Mathematics (K. Rubin), 1 July 1987 through 30 June 1990. (Project 764913 - Continuation)

\$50,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Processing of Archaeobacterial Intron-Containing tRNA Gene Transcripts, Department of Microbiology (C. J. Daniels), 1 August 1987 through 31 July 1988. (Project 765591 - Continuation)

\$48,600.00 - National Science Foundation, Washington, D.C., Synthetic Catalysts Based on Reversible Covalent Bond Formation, Department of Chemistry (A. W. Czarnik), 1 March 1987 through 28 February 1988. (Project 765171 - Continuation)

\$45,126.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Degradation of Materials by Interdiffusion Processes, Department of Metallurgical Engineering (J. P. Hirth), 1 March 1987 through 30 November 1987. (Project 764574 - Continuation)

\$44,256.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1987 through 31 March 1988. (Project 760661 - Continuation)

\$43,830.00 - National Science Foundation, Washington, D.C., A Contingency Approach to Decision Making: How Decision Units Shape Foreign Policy Behavior, Merzhon Center for Education (M. G. Hermann and C. F. Hermann), 1 April 1987 through 30 June 1988. (Project 765990 - New)

\$42,568.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, A Novel Approach in Formulation of Special Transition Finite Elements, Department of Aeronautical and Astronautical Engineering (N. Sarigul), 13 April 1987 through 12 April 1988. (Project 765939 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$40,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, An Experimental Study of the Effect of Pitch Rate on Delta Wing Aerodynamics and Stability, Department of Aeronautical and Astronautical Engineering (M. B. Bragg), 1 April 1987 through 31 March 1988. (Project 765327 - Continuation)

\$39,517.00 - National Science Foundation, Washington, D.C., Mathematical Sciences: Investigations in the Theory of Orthogonal Polynomials, Department of Mathematics (P. Nevai), 1 July 1987 through 30 June 1988. (Project 764661 - Continuation)

\$33,073.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomechanics of an Amphibian Seismic Sensory System, Department of Zoology (T. E. Hetherington), 1 April 1987 through 31 March 1988. (Project 764599 - Continuation)

\$30,910.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine - Administration (R. A. Wright), 1 April 1987 through 31 March 1988. (Project 762776 - Continuation)

\$28,258.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Internal Medicine (W. Malarkey), 1 December 1986 through 30 November 1987. (Project 761196 - Continuation)

\$27,663.00 - National Science Foundation, Washington, D.C., Workshop on Interactions Between Soil-Inhabiting Invertebrates in Relation to Plant Growth, Department of Entomology (C. A. Edwards and B. R. Stinner), 15 March 1987 through 14 March 1988. (Project 765976 - New)

\$25,000.00 - Department of the Navy, Naval Material Command, Bethesda, Maryland, Vortex Motion Past a Cavity with Elastic Obstructions, Department of Mechanical Engineering (A. T. Conlisk), 7 April 1987 through 30 September 1987. (Project 765323 - Continuation)

\$24,982.00 - Environmental Protection Agency, Washington, D.C., Outreach Assistance for Small-Flows Wastewater Treatment Facilities (Information, Technology, Operations), Department of Educational Theory and Practice (R. W. Howe), 1 April 1987 through 3 March 1988. (Project 766009 - New)

\$24,802.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Dentistry - Administration (W. R. Wallace), 1 April 1987 through 31 March 1988. (Project 764652 - Continuation)

\$24,534.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Relationship of Toxic Metals and

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Bacteria in Sediments of Old Woman Creek Estuary, Department of Microbiology (R. M. Pfister and J. I. Frea), 15 April 1987 through 30 April 1988. (Project 765974 - New)

\$22,540.00 - Department of Education, Office of Higher and Continuing Education, Washington, D.C., Foreign Language and Area Studies Fellowships Program Middle East Studies, Graduate School Administration (R. A. Koenigsknecht) and University Center for International Studies (F. Firebaugh and A. Payind), 15 August 1987 through 14 August 1988. (Project 765628 - Continuation)

\$21,450.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Intraoral Grafting of Mucosal Equivalents Produced in Vitro, Oral Surgery (S. E. Feinberg) and Diagnostic Services (G. F. Shuler), 1 May 1987 through 30 April 1988. (Project 766010 - New)

\$18,260.00 - National Science Foundation, Washington, D.C., The Arithmetic of Function Fields, Department of Mathematics (D. M. Goss), 1 July 1987 through 30 June 1988. (Project 765462 - Continuation)

\$18,000.00 - National Science Foundation, Washington, D.C., International Travel in Connection with an Experiment Measuring Properties of Charm and Beauty Particle Decays via Hadronic Production in a Hybrid Emulsion-Electronic Spectrometer, Department of Physics (N. W. Reay), 15 April 1987 through 31 March 1989. (Project 766013 - New)

\$17,385.00 - National Science Foundation, Washington, D.C., Workshop on the Study of the Design Process, Oakland, California -- February 9-10, 1987, Department of Engineering Graphics (M. B. Waldron), 1 August 1987 through 31 January 1988. (Project 765527 - Continuation)

\$15,000.00 - National Aeronautics and Space Administration, Washington, D.C., SETI Research, Department of Electrical Engineering (J. D. Kraus and R. S. Dixon), 1 February 1987 through 31 January 1988. (Project 764694 - Continuation)

\$13,044.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Short-Term Training, Oral Biology (S. Rosen), 1 June 1987 through 31 May 1988. (Project 764680 - Continuation)

\$10,049.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Optometry (F. W. Hebbard), 1 April 1987 through 31 March 1988. (Project 765317 - Continuation)

\$9,450.00 - National Science Foundation, Washington, D.C., Fluorescence Spectroscopy of Biradicals, Carbenes, and Nitrenes, Department of Chemistry (M. S. Platz), 15 April 1987 through 30 March 1990. (Project 766018 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,000.00 - Department of the Navy, Naval Material Command, Annapolis, Maryland, Evaluate the Capabilities of the Weld Quality Monitor, Department of Welding Engineering (D. G. Howden), 1 April 1987 through 30 September 1987. (Project 766008 - New)

\$8,700.00 - National Science Foundation, Washington, D.C., Investigations of Ultrasonic Surface Wave Interaction with Porous Saturated Materials, Department of Welding Engineering (L. Adler), 15 March 1987 through 28 February 1989. (Project 765950 - New)

\$6,334.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Nurse Anesthetist Traineeship Grant, School of Allied Medical Professions (W. R. Waugaman), 1 July 1987 through 30 June 1988. (Project 764173 - Continuation)

\$5,411.00 - Department of the Army, Army Troop Supply Command, Fort Belvoir, Virginia, Correlation of Geophysical Electromagnetic Data with Borehole Logs, and Earth Resistivity Measurements, Department of Geology and Mineralogy (J. J. Daniels), 30 March 1987 through 30 June 1987. (Project 765996 - New)

\$2,000.00 - National Science Foundation, Washington, D.C., Support for 6th Biennial Regeneration Forum, Department of Zoology (R. A. Tassava), 1 June 1986 through 30 November 1987. (Project 766030 - New)

\$1,233.00 - National Highway Traffic Safety Administration, East Liberty, Ohio, Rear Seat Submarining Investigation Test Matrix Design, Department of Statistics (P. K. Goel), 15 December 1986 through 13 February 1987. (Project 766023 - New)

Equipment - Department of Energy, Albuquerque, New Mexico, Energy-Related Laboratory Equipment, Engineering Experiment Station (J. W. Talnagi), 9 April 1987 through 8 April 1988. (Project 765999 - New) (Approximate Dollar Value - \$3,015)

TOTAL - FEDERAL AWARDS

\$4,940,589.00

State of Ohio Research Contracts/Grants

\$1,250,000.00 - State of Ohio, Department of Development, Columbus, Ohio, Phase II of the Ohio Superconducting Super Collider Siting Task Force, Research and Graduate Studies Administration (J. M. Hollander), 1 February 1987 through 30 September 1987. (Project 765972 - Continuation)

\$83,086.00 - State of Ohio, Ohio Board of Regents, Columbus, Ohio, Area Health Education Centers (Health Services Education), College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1986 through 30 September 1987. (Project 765792 - Continuation)

\$32,133.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Evaluation of Ground-Water Quality Changes Caused by Brine

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

Spreading for Dust and Ice Control, Department of Geology and Mineralogy (E. S. Bair), 1 March 1987 through 31 August 1988. (Project 766004 - New)

\$7,470.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, The Educated Citizen and the University of the Future, Department of History and Center for Comparative Studies in the Humanities (M. R. Waldman), 6 December 1986 through 29 October 1987. (Project 765982 - New)

\$7,424.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Glass/Serra: A Collaborative Acoustic Installation, University Art Galleries (J. W. Green), 13 February 1987 through 31 March 1987. (Project 766027 - New)

\$5,000.00 - State of Ohio, Department of Human Services, Columbus, Ohio, Conditions Under Which the Classical Confidence Interval Method of Estimating a Mean is Appropriate, Department of Preventive Medicine (M. L. Moeschberger), 1 April 1987 through 31 May 1987. (Project 765983 - New)

TOTAL - STATE OF OHIO AWARDS

\$1,385,113.00

Industrial Research Contracts/Grants

\$158,564.00 - Pfizer, Inc., Groton, Connecticut, Phase I Double-Blind, Placebo-Controlled Safety Toleration and Pharmacokinetic Study of Multiple Doses of Intravenous Fluconazole, Department of Pharmacology (N. Gerber), 1 February 1987 through 30 June 1987. (Project 765696 - Continuation)

\$127,329.00 - Pfizer, Inc., Groton, Connecticut, Phase I Multiple-Dose, Open-Comparative Study of CP-62,993 and Erythromycin Ethylsuccinate for Assessment of Pharmacokinetics and Neurological and Audiometric Safety in Healthy Male Volunteers, Department of Pharmacology (N. Gerber), 1 March 1987 through 29 February 1988. (Project 765696 - Continuation)

\$127,168.00 - Knoll Pharmaceuticals, Whippany, New Jersey, Single and Multiple Ascending Dose Tolerance and Pharmacokinetics of Recombinant Human Tumor Necrosis Factor in Patients with Refractory Malignancies, Department of Internal Medicine (J. J. Rinehart), 1 March 1987 through 22 February 1988. (Project 766006 - New)

\$57,021.00 - Sandoz Inc., East Hanover, New Jersey, A Randomized Double-Blind Study of Oral Immune Serum Globulin for the Prevention of Infection in Bone Marrow Transplant Recipients, Department of Internal Medicine (P. J. Tutschka), 1 February 1987 through 30 January 1989. (Project 766003 - New)

\$49,836.00 - Sandia National Laboratories, Livermore, California, Development of Destructive and Nondestructive Evaluation Methods for Inertia Welds Between Similar and Dissimilar Alloys, Department of Welding Engineering (L. Adler), 1 March 1987 through 28 February 1988. (Project 765980 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$48,273.00 - Martin Marietta Corporation, Oak Ridge, Tennessee, High Strain Rate Testing of A533B Steel at Various Temperatures, Department of Engineering Mechanics (A. Gilat), 1 April 1987 through 31 March 1988. (Project 766019 - New)

\$36,250.00 - International Business Machines Corporation, Yorktown Heights, New York, Development of Phenomenological Relativistic Approach to Nuclear Physics, Department of Physics (B. C. Clark), 1 April 1987 through 31 March 1988. (Project 765137 - Continuation)

\$23,000.00 - International Clinical Laboratories, Inc., Nashville, Tennessee, Feasibility Study on the Application of the Scanning Laser Imaging Instrument for Quantitative Immunofluorescence Analysis of Biological Material, Cancer Research Center (L. D. Tomei), Department of Veterinary Pathobiology (J. R. Blakeslee), Department of Internal Medicine (M. F. Para), and College of Pharmacy (J. M. Jagadeesh), 1 March 1987 through 31 August 1987. (Project 766007 - New)

\$14,000.00 - Kord Products Limited, Burlington, Ontario, Canada, Evaluation of Copper Treated Pots, Department of Horticulture - OARDC and Department of Horticulture (D. K. Struve), 1 April 1987 through 31 March 1988. (Project 766002 - New)

\$1,080.00 - American Electric Power Service Corporation, Columbus, Ohio, Contract Consulting Agreement for Mussel Mitigation, Department of Zoology (D. H. Stansbery), 1 April 1987 through 30 September 1987. (Project 765732 - Continuation)

\$800.00 - Cytogen Corporation, Princeton, New Jersey, Cytogen Travel Award, Department of Pathology (R. F. Barth), 1 April 1987 through 30 June 1987. (Project 766015 - New)

\$750.00 - The Conover Company, Omro, Wisconsin, Math on the Job: Graphic Artist, The National Center for Research in Vocational Education (R. D. Ryan, Jr.), 15 April 1987 through 15 May 1987. (Project 766014 - New)

TOTAL - INDUSTRIAL AWARDS \$ 644,071.00

Other Non-Federal Research Contracts/Grants

\$150,000.00 - Ohio University, Athens, Ohio, Molecular Farming: Recombinant Gene Expression in Bovine Mammary Gland and Hen Oviduct, Department of Dairy Science - OARDC (F. L. Schanbacher and C. Hodgson), 1 October 1986 through 30 June 1987. (Project 766005 - New)

\$100,000.00 - American Health Assistance Foundation, Rockville, Maryland, Stimulation of Lipolytic Enzymes in Alzheimer's Disease, Department of Physiological Chemistry (A. A. Farooqui), 1 April 1987 through 31 March 1989. (Project 765989 - New)

\$96,900.00 - Virginia Power, Richmond, Virginia; South Carolina Electric and Gas, Jenkinsville, South Carolina; and Detroit Edison, Detroit,

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Michigan, Consortium for the Development of Instructor Training Materials for the Electric Power Industry - Phase II, The National Center for Research in Vocational Education (R. D. Ryan, Jr.), 1 April 1987 through 31 July 1988. (Project 766021 - Continuation)

\$85,675.00 - Muscular Dystrophy Association, New York, New York, Clinical Investigation of Duchenne Dystrophy: Treatment with Prednisone and Mazindol, Department of Neurology (J. R. Mendell), 1 March 1987 through 29 February 1988. (Project 761360 - Continuation)

\$69,068.00 - Boston University, Boston, Massachusetts, Principles for Machine/Human Compatibility in Manufacturing Systems, Department of Industrial and Systems Engineering (A. B. Bishop), 15 January 1987 through 30 June 1988. (Project 766000 - New)

\$59,495.00 - Children's Hospital, Boston, Massachusetts, Analysis of Normal and Abnormal Gait and Standing Posture in Children and Adults, Department of Surgery (S. R. Simon), 1 February 1987 through 31 January 1988. (Project 765815 - Continuation)

\$47,803.00 - Council on International Educational Exchange, New York, New York, Ministry of Education Intensive English in the U.S.A. for Japanese Teachers of English, English/Second Language (R. N. Kantor), 1 April 1987 through 31 December 1987. (Project 765993 - Continuation)

\$38,062.00 - Food and Agriculture Organization, Rome, Italy, Determination of Genetic Integrity Following Seed Accession Regeneration, Department of Agronomy - OARDC and Department of Agronomy (M. B. McDonald), 1 April 1987 through 31 March 1988. (Project 766022 - New)

\$33,000.00 - American Health Assistance Foundation, Rockville, Maryland, Physical-Chemical Characterization of Human Coronary Arterial Calcification, Oral Biology (D. W. Foreman, Jr.), 1 April 1987 through 31 March 1988. (Project 765987 - Continuation)

\$25,000.00 - American Health Assistance Foundation, Rockville, Maryland, Involvement of Endorphins in Cardiovascular Disease, Department of Pharmacology (G. A. Tejwani), 1 April 1987 through 31 March 1988. (Project 765992 - New)

\$20,000.00 - The Jesselson Foundation, New York, New York, Yemenite Jewry: Texts, Department of Judaic and Near Eastern Languages and Literatures (R. Ahroni), 1 July 1987 through 30 June 1989. (Project 765995 - New)

\$18,000.00 - Petroleum Research Fund, Washington, D.C., Steady-State and Transient Response Studies of Selective Oxidation of C₄ Hydrocarbons over Impregnated Molybdenum Oxide Catalysts, Department of Chemical Engineering (U. Ozkan), 1 September 1987 through 31 August 1989. (Project 765997 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$17,500.00 - American Lung Association, New York, New York, Antioxidant Properties of Lower Respiratory Tract Ceruloplasmin, Department of Internal Medicine (E. R. Pacht), 1 July 1987 through 30 June 1988. (Project 765357 - Continuation)

\$10,377.00 - Dublin Local School District, Dublin, Ohio, Adaptive Physical Education Internship, School of Health, Physical Education and Recreation (P. Jansma), 1 September 1987 through 30 June 1988. (Project 765984 - New)

\$10,000.00 - The Lucius N. Littauer Foundation Inc., New York, New York, Yemenite Jewry: Texts, Department of Judaic and Near Eastern Languages and Literatures (R. Ahroni), 1 July 1988 through 30 June 1989. (Project 765994 - New)

\$6,149.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Pathology (R. O'Toole), 1 January 1987 through 31 December 1987. (Project 761460 - Continuation)

\$5,500.00 - North Atlantic Treaty Organization, Brussels, Belgium, Pulse Radiolysis Studies of Xanthine Oxidase, Department of Physiological Chemistry (C. R. Hille), 1 April 1987 through 31 March 1988. (Project 765978 - New)

\$4,998.00 - American Animal Hospital Association Foundation, Denver, Colorado, Studies of Neutrophil Function and Kinetics in Feline Leukemia Virus Infected Cats, Department of Veterinary Pathobiology (G. J. Kociba), 1 May 1987 through 30 April 1988. (Project 766020 - New)

\$4,974.50 - American Animal Hospital Association Foundation, Denver, Colorado, Morphology of Pulmonary Parenchymal Lymphatics and Pulmonary Efferent Mediastinal Lymphatics in Dogs with Experimental Chylothorax, Department of Veterinary Clinical Sciences (S. J. Birchard), 1 March 1987 through 29 February 1988. (Project 765940 - New)

\$4,880.00 - Egyptian Cultural and Educational Bureau, Washington, D.C., Peace Fellowship Program, Department of Entomology (S. W. Fisher), 6 January 1987 through 5 November 1987. (Project 766012 - New)

\$4,767.00 - Family Health Foundation of America, Kansas City, Missouri, Play Activity with Anatomically Correct Dolls: Is There a Difference Between Preschool Age Children Referred for Sexual Abuse and Those Not Referred?, Department of Family Medicine (R. E. Ricer), 1 April 1987 through 31 March 1988. (Project 766001 - New)

\$4,626.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Internal Medicine (M. R. Grever), 1 January 1987 through 31 December 1987. (Project 764689 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$4,000.00 - GTE Foundation, Stamford, Connecticut, Ethical Issues in Biotechnology, Department of Agricultural Economics and Rural Sociology (M. F. Kenney), 1 April 1987 through 30 June 1988. (Project 766026 - New)

\$3,175.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Internal Medicine (S. P. Balcerzak), 1 January 1987 through 31 December 1987. (Project 763118 - Continuation)

\$2,500.00 - Ohio Pork Producers Council, Westerville, Ohio, Effect of Feeding Fat to Lactating Sows in Overcoming Anestrus Problems, Department of Animal Science - OARDC and Department of Animal Science (D. C. Mahan), 1 January 1987 through 31 December 1987. (Project 765981 - New)

\$218.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Internal Medicine (S. P. Balcerzak), 1 February 1985 through 30 June 1987. (Project 765208 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 826,667.50

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$10,000.00 - Additional funding from Edison Partnership Program, Columbus, OH, and Huntsman Chemical, Columbus, OH, "Improvement of Processability and Mechanical Properties of High Impact Polystyrene through Better Reactor Design and Control," Department of Chemical Engineering, 1 January 1987 through 31 December 1987. (529721, Ext. 1)

\$2,641.00 - Ohio Department of Transportation, Columbus, OH, "Orientation Course for ODCT Summer Employment," Department of Civil Engineering, 30 March 1987 through 30 June 1987. (529726)

TOTAL - STATE SPONSORED RESEARCH \$ 12,641.00

Industrial and Other Sponsored Research and Development

\$90,471.00 - Second year funding from Universal Energy Systems, Inc., Dayton, OH, "Advanced Simulation Language & Multi-Computer Design for Improving the Performance of Modeling and Control of Metal Forming Processes," Department of Computer and Information Science, 15 November 1985 through 30 September 1987. (312869, Ext. 1)

\$65,233.00 - Additional funding from IBM Corporation, Yorktown Heights, NY, "A Micro/370 Based Fault-Tolerant Multiprocessor Architecture," Department of Electrical Engineering, 15 March 1986 through 15 March 1988. (529703, Ext. 1)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development (contd)

\$55,000.00 - Lockheed Missiles & Space Company, Inc., Sunnyvale, CA, "Lockheed Scattering Research," Department of Electrical Engineering, 23 February 1987 through 31 January 1988. (529725)

\$43,502.00 - The Whitaker Foundation, Camp Hill, PA, "Prototype Graphic Communication Device for Deaf Persons," Department of Engineering Graphics, 1 April 1987 through 31 March 1988. (312408)

\$33,025.00 - The American Electric Power Service Corp., Columbus, OH, "The Determination of Synchronous Machine Stability Study Constants for the Rockport Unit 1-HP," Department of Electrical Engineering, 1 May 1987 through 31 October 1988. (312409)

\$23,189.00 - from 19 sponsors of 29 development projects under the direction of four research areas/departments.

\$20,000.00 - Texas Instrument, McKinney, TX, "Compact Radar Cross Section Measurement Ranges Research and Development Consortium," Department of Electrical Engineering, 1 July 1986 through 30 June 1987. (312884, Ext. 3)

\$15,000.00 - Southwest Research Institute, San Antonio, TX, "A Fracture Mechanics Assessment of the Slow Crack Growth Test for Polyethylene Gas Pipes," Department of Engineering Mechanics, 15 April 1987 through 31 May 1987. (529727)

\$11,819.00 - Additional funding from Parker Hannifin Corp., Cleveland, OH, "Fitting Fabrication by Welding," Department of Welding Engineering, 1 July 1984 through 30 September 1986. (529656, Ext. 2)

\$10,000.00 - Additional funding from General Motors Technical Center, Warren, MI, "Improving the Resistance of High Strength Fasteners to Hydrogen Embrittlement," Department of Metallurgical Engineering, 1 September 1985 through 31 August 1987. (529695, Ext. 1)

\$4,000.00 - From various industry for membership in "The Engineering Research Center on Net-Shape Manufacturing," Engineering Experiment Station. (529200)

\$2,440.00 - NATO Scientific Affairs Division, Brussels, Belgium, "The Influence of Cracks in a Damaging Material," Department of Engineering Mechanics, 1 May 1987 through 30 April 1988. (529728)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 373,679.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

R. David Thomas Cancer Research Institute Endowment Fund

The R. David Thomas Cancer Research Institute Endowment Fund was established June 5, 1987, by the Board of Trustees of The Ohio State

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

R. David Thomas Cancer Research Institute Endowment Fund (contd)

University with gifts to The Ohio State University Development Fund from the suppliers and franchise owners of Wendy's International, Inc.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer research as approved by the Medical Director of the Cancer Research Institute and the Dean of the College of Medicine. If it is determined that funding for cancer research is so ample, then the income from this fund may be used for those purposes as deemed appropriate by the Medical Director of the Cancer Research Institute.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

**The Steve R. and Sarah E. O'Donnell
Computer and Information Science Fund**

The Steve R. and Sarah E. O'Donnell Computer and Information Science Fund was established June 5, 1987, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Steve R. O'Donnell (B.E.E. '62, M.S. Electrical Engineering '63) and Sarah E. O'Donnell of Westerville, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as may be deemed appropriate.

The annual income shall be used for those purposes which will aid the research, teaching and service programs/facilities within the Department of Computer and Information Science. The Chairperson of the Department of Computer and Information Science is authorized to withdraw no more than one-fourth of the principal amount of the endowment over a 12-month period if necessary. The Chairperson of the Department of Computer and Information Science will have sole authority to authorize expenditures from the Fund, as approved by the Dean of the College of Engineering.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**The Steve R. and Sarah E. O'Donnell Endowment Fund
in Electrical Engineering**

The Steve R. and Sarah E. O'Donnell Endowment Fund in Electrical Engineering was established June 5, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Steve R. O'Donnell (B.E.E. '62 and M.S. Electrical Engineering '63) and Sarah E. O'Donnell of Westerville, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for those purposes which will aid the research, teaching and service programs/facilities within the Department of Electrical Engineering. The Chairperson of the Department of Electrical Engineering will have sole authority to authorize expenditures from the Fund, as approved by the Dean of the College of Engineering.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

The Department of Philosophy Faculty Support Fund

The Department of Philosophy Faculty Support Fund was established June 5, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Steve R. O'Donnell (B.E.E. '62, M.S. Electrical Engineering '63) and Sarah E. O'Donnell of Westerville, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide support for Faculty Research and Instructional Enrichment including professorial appointments at the discretion of the Chairperson of the Department of Philosophy and the Dean of the College of Humanities.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**The Clara M. and Peter L. Scott Faculty Award
for Excellence in Engineering Education**

The Clara M. and Peter L. Scott Faculty Award for Excellence in Engineering Education was established June 5, 1987, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Clara M. and Peter L. Scott (B.E.E. '49).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as may be deemed appropriate.

All income earned through the investment of specific fund monies, including all contributions thereto, will be accumulated and credited to the fund's principal until such time as one-half of the annual income of the fund will support an award of at least \$3,000, plus associated expenses for an appropriate plaque or certificate to accompany the award. Upon such times as one-half of the annual income of the fund equals \$3,000 or more (plus expenses), but no more often than annually, the award will be made of an amount equal to one-half of the annual income. The remaining half of the annual income will be accumulated and credited to the fund's principal. The award will be presented to the outstanding educator among the senior faculty members of the College of Engineering and will be based on excellence in teaching and the qualitative aspects of teaching, with emphasis on effective innovation. As a rule, the award will be made to an individual (except under unique circumstances in any year that suggests a team should receive the award).

Nominations for the award will be made by faculty members of the College of Engineering, and the final selection of the recipient will be made by a committee consisting of the Dean of the College of Engineering, one or more senior representatives from the faculty of the College of Engineering, a representative from the private sector whose business involves engineering, and one undergraduate member of the College of Engineering student body.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

Michael Del Bane Memorial Cancer Research Fund

The Michael Del Bane Memorial Cancer Research Fund was established June 5, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Angeline C. Del Bane (B.S.Ed. '35), Hubbard, Ohio, in memory of her husband, Michael Del Bane.

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Michael Del Bane Memorial Cancer Research Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer research as approved by the Medical Director of the Cancer Research Institute and the Dean of the College of Medicine. If it is determined that funding for cancer research is so ample, then the income from this fund may be used for those purposes as deemed appropriate by the Medical Director of the Cancer Research Institute.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donor.

Hazen and Anna Jane Hildebolt Preble County Scholarship Fund

The Hazen and Anna Jane Hildebolt Preble County Scholarship Fund was established June 5, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from William M. Hildebolt (B.S. Food Tech. '66; M.S. Horticulture '67; Ph.D. Horticulture '69) and his wife, Sandra, in honor of William's parents.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to students from Preble County who are interested in majoring in Agriculture or Home Economics. Criteria for selection shall include outstanding scholastic achievement and demonstrated leadership potential through extra-curricular activities. Preference will be given to those students with financial need. Preference will also be given to those students in their senior year of study at Eaton High School. In the event that there are no eligible candidates from Eaton High School, then the selection will be made from eligible high school seniors within Preble County. Selection will be made by the University Committee on Student Financial Aid in consultation with the Deans of the College of Agriculture and the College of Home Economics.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Hulda Ungericht Wells Scholarship Fund

The Hulda Ungericht Wells Scholarship Fund was established June 5, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund through a bequest from Hulda Ungericht Wells (B.S.H.E. '28) of Columbus, Ohio, and a gift from her sister, Helen C. Ungericht of Columbus, Ohio, in her honor.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships in the College of Home Economics not to exceed the sum of One Thousand Five Hundred Dollars (\$1,500) to deserving students in the College of Home Economics. The recipients shall be selected at the discretion of the Dean of the College of Home Economics in consultation with the University Committee on Student Financial Aid. These scholarships may, at the Dean's discretion, be awarded to the same students in successive years.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

**Richland County Ohio State University Alumni Club
The Ohio State University at Mansfield
Scholarship Endowment Fund**

The Richland County Ohio State University Alumni Club The Ohio State University at Mansfield Scholarship Endowment Fund was established June 5, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Richland County Ohio State University Alumni Club.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

A minimum of 95% of the annual income shall be distributed to scholarship recipients qualified under the criteria established, with no scholarship recipient receiving less than 50% of the amount of the tuition, at the time of the award, for a full academic year.

The purpose of the Richland County Alumni Club Scholarship is to recognize academic ability and outstanding leadership in a student(s) who will begin his/her college experience at The Ohio State University at Mansfield. The guidelines to be used in determining the recipient of the award are as follows:

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Richland County Ohio State University Alumni Club
The Ohio State University at Mansfield
Scholarship Endowment Fund (contd)

1. This award is to recognize ability, achievement, and leadership qualities without regard for financial need.
2. Selection preference will be given to a current year high school senior, residing in Richland county, who will attend Autumn Quarter at The Ohio State University at Mansfield.
3. The recipient will rank in the upper 25% of the graduating class (preferably the upper 10%); have above average ACT or SAT scores; and have demonstrated significant leadership qualities through school activities and/or community involvement.
4. The amount of this award shall equal one-half the amount of a full year -- three quarters -- full tuition budget. The award amount may be increased up to full tuition, as the growth of the endowment fund permits.
5. This three quarter scholarship will become renewable at that point when the growth of the fund can sustain renewable scholarships. The criteria for renewal shall be that the recipient:
 - a. Maintains his/her enrollment at OSU Mansfield and
 - b. Has a cumulative grade point average of 2.5 or better and has maintained satisfactory progress toward a degree.
6. If the student leaves OSU Mansfield within an academic year, the unused portion of the award will revert to the Richland County Alumni Scholarship Fund.
7. The appropriate authorities at The Ohio State University at Mansfield, in consultation with the University Committee on Student Financial Aid and the Richland County Alumni Club, will select the recipient of this award from a candidate pool identified by the Richland County OSU Alumni Club.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Ichthyology Research Endowment Fund

The Ichthyology Research Endowment Fund was established June 5, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from supporters of the Ichthyology collection in the Museum of Zoology of the College of Biological Sciences.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for research and publication on the collection of Fishes, recent and fossil, in The Ohio State University Museum of Zoology. Expenditures from the fund will be initiated by the Curator of Fishes as approved by the Chairperson of the Department of Zoology and the Dean of the College of Biological Sciences.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

Change of Name and Description of Named Funds

The Dr. Lewis R. Basch and Dr. Richard L. Basch Memorial Award

The Richard L. Basch Memorial Learning Resource Fund was established March 4, 1977, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of Richard L. Basch (D.D.S. '61) and Lewis R. Basch (D.D.S. '25) from family, friends, and former colleagues. The name and description were changed June 5, 1987.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships to a junior dental student who has displayed superior clinical abilities and outstanding communication abilities working with patients humanistically and professionally. The scholarship recipient will be selected by the University Committee on Student Financial Aid in consultation with the Dean of the College of Dentistry.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Funds (contd)

Intercollegiate Livestock and Meat Judging Teams Endowment Fund

The Intercollegiate Livestock Evaluation Team Endowment Fund was established April 3, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends. The name and description were changed June 5, 1987.

It was established under the name "Intercollegiate Livestock Evaluation Team Endowment Fund" which was intended to include: 1) Livestock Team; 2) Meat Team; and 3) AK-SAR-BEN Team.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this fund shall be used to provide support for The Ohio State University Undergraduate Livestock, Meat, and AK-SAR-BEN Judging Squads (Teams) in preparation for and/or in representing the University in regional and national intercollegiate contests and associated educational program. Funds will be distributed by the Chairperson of the Department of Animal Science.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in order to carry out the desire of the donors.

The Lee D. Moody Civil Engineering Loan Fund

The Lee D. Moody Scholarship Fund was established June 8, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Lee D. Moody (B.C.E. '32) of Springfield, Ohio. This Fund was amended at the request of the donor's family June 5, 1987.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide interest free loans to graduate and undergraduate students in the Department of Civil Engineering. The selection of the recipients is to be made by the Chairperson of Civil Engineering. Loan repayments will be made at the direction of the Department Chairperson with the administrative assistance of the Office of Student Financial Aid. All loan payments will be returned to the principal of the endowment. In addition, awards of not more than fifteen percent (15%) of the distributed annual income may be given to students as designated by the Chairperson of the

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Funds (contd)

The Lee D. Moody Civil Engineering Loan Fund (contd)

Department of Civil Engineering. The annual income not spent at the end of the fiscal year, as either loan or award as described above, shall be reinvested in the principal of the endowment.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this Fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the administrative official in charge of the Department of Civil Engineering in order to carry out the desire of the donor.

Change in Description of Named Funds

The Henry and Blanche Abell Endowment Fund

The Henry and Blanche Abell Endowment Fund was established April 3, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mr. Carl T. Abell (B.S.Dairy Tech. '49) of Medina, Ohio, and his wife, Ruth D. Abell, as recognition for and in honor of his parents, Henry and Blanche Abell. The description was changed June 5, 1987.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be divided equally between the Department of Food Science and Nutrition in the College of Agriculture and the wrestling program in the Athletic Department. The use of said funds shall be at the discretion of the Chairperson of the Department of Food Science and Nutrition and the Coach and/or Director of the wrestling program.

Should the need for these funds cease to exist or so diminish in either of these programs or departments, then 100% of the annual income shall be distributed to the other department or program. Should the need for these funds cease to exist in both programs or departments, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative officials of the University who are then directly responsible for the College of Agriculture and the Department of Athletics.

The John McKitrick Family Fund

The John McKitrick Family Fund was established March 6, 1987, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from John and Ann McKitrick. Their

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

The John McKittrick Family Fund (contd)

daughters, Mindy McKittrick Roberts and Mary McKittrick Reames, have each arranged for deferred gifts of \$200,000. The description was changed June 5, 1987.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be divided into percentages and distributed as follows. Each of the following areas is to receive 10% of the annual interest income: College of Agriculture (Department of Dairy Science, Dairy Cattle Judging Team), College of Home Economics, 4-H Support fund, Mershon Auditorium, and WOSU. The Department of Athletics is to receive 50% of the annual interest income. The interest income is to be used by the head of each area in any way they see fit to maintain or improve their level of excellence.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the various areas mentioned above.

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**REQUEST FOR CONSTRUCTION BIDS AND
ESTIMATE OF COST - FUNDING
ARPS PARKING GARAGE EXPANSION**

Resolution No. 87-137

Synopsis: Authorization to request construction bids is proposed.

WHEREAS the plans and specifications for this project have been completed and, at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees authorize the request for construction bids.

Project: Addition of two floors to the existing garage which will provide 288 parking spaces, a new elevator, new lighting, and new directional signage.

Funding: University Funds

Estimated Construction Cost: \$2,409,650.00

Estimated Project Cost: \$2,584,060.00

June 4 and 5, 1987 meeting, Board of Trustees

REQUEST FOR CONSTRUCTION BIDS AND
ESTIMATE OF COST - FUNDING
ARPS PARKING GARAGE EXPANSION (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in accordance with established University procedures, to request construction bids on this project, and if satisfactory bids are received, to award the necessary contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 87-138

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration, in accordance with established University procedures, to employ an architect/engineer, to request bids and, if satisfactory bids were received, to award the necessary contracts for the following projects:

NORTHWEST UTILITIES - PHASE I
ELECTRIC/COMMUNICATIONS

Description: This portion of the project provides for the extension of primary electric service to the northwest quadrant of the campus, including the Multi-Sport Complex, Fawcett Center, the new Child Care Center, the new Stores & Receiving Building, Bulk Chemical Warehouse, Service Building Annex, and the Laundry/Print Facility. This electrical service will connect to the existing facilities as well as be in place to service future development, eventually making the University capable of supplying its own electrical service. Construction is scheduled to begin June 10, 1987, and be totally completed by October 30, 1987.

Electric Contract

Date Received:	April 20, 1987
No. of Bids:	3
Low Bid:	\$ 664,000.00*
High Bid:	\$1,441,300.00*
Estimate of Cost:	\$1,963,500.00*

*Recommended alternates reflected in these figures.

June 4 and 5, 1987 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

NORTHWEST UTILITIES - PHASE I
ELECTRIC/COMMUNICATIONS (contd)

Electric Contract (contd)

Awarded to:	Jess Howard Electric, Blacklick, OH
Total Electric Contract:	\$ 664,000.00*
Total All Contracts:	\$ 664,000.00*
Tie-in to Stores & Receiving:	\$ 40,353.00
Tie-in to Child Care Center:	\$ 20,724.42
Gable and Material:	\$ 387,274.70
Total Contingency Allowance:	\$ 66,493.03 (which is 10 percent of construction costs)
Total Project Cost:	\$1,242,500.00*
Funding:	1986 Series A and B Bonds

*Recommended alternates reflected in these figures.

HAMILTON HALL RENOVATION PHASE I - GRAVES HALL

Description: This project provides for the renovation of the central laboratory areas on the third floor of Graves Hall to accommodate the temporary relocation necessitated by the Hamilton Hall Renovation project. Construction is scheduled to begin June 1987 and be completed December 1987.

General Contract

Date Received:	April 2, 1987
No. of Bids:	8
Low Bid:	\$ 25,397.00
High Bid:	\$ 46,440.00
Estimate of Cost:	\$ 35,000.00
Awarded to:	O B Construction Inc., Columbus, OH

Mechanical Contract

Date Received:	April 2, 1987
No. of Bids:	3

June 4 and 5, 1987 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

HAMILTON HALL RENOVATION PHASE I - GRAVES HALL (contd)

Mechanical Contract (contd)

Low Bid:	\$ 27,200.00
High Bid:	\$ 42,400.00
Estimate of Cost:	\$ 28,000.00
Awarded to:	F J Hoff Mechanical, Inc., Columbus, OH

Electric Contract

Date Received:	April 2, 1987
No. of Bids:	6
Low Bid:	\$ 11,089.00
High Bid:	\$ 19,630.00
Estimate of Cost:	\$ 12,000.00
Awarded to:	Frush & Homan, Columbus, OH

Total All Contracts:	\$ 63,686.00
Total Contingency Allowance:	\$ 5,087.44 (which is 8 percent of construction costs)
Total Project Cost:	\$ 70,400.00
Funding:	HB 870

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Teaford, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PURCHASE OF PROPERTY
1503 ACRES IN BATH, OHIO**

Resolution No. 87-139

Synopsis: Authorization and ratification of acts to execute an agreement to purchase 1503 acres in the City of Bath, Summit and Medina Counties, Ohio, from the Raymond C. Firestone Trust U/A dated December 4, 1985.

June 4 and 5, 1987 meeting, Board of Trustees

**PURCHASE OF PROPERTY
1503 ACRES IN BATH, OHIO (contd)**

WHEREAS The Ohio State University has been presented by Raymond C. Firestone with an opportunity to acquire 1503 acres of land known as the Lauray Farm located in the City of Bath, Summit and Medina Counties, Ohio; and

WHEREAS this property has an appraised value of approximately \$8,000,000.00 and Raymond C. Firestone through the Raymond C. Firestone Trust has offered to make a substantial gift to the University by offering to sell the property upon Mr. Firestone's death for \$5,000,000.00; and

WHEREAS the appropriate University officers have determined that entering into the agreement to purchase this property and acceptance of the gift of Mr. Firestone is in the best interest of the University; and

WHEREAS the University is very appreciative of Mr. Firestone's generosity and the assistance provided by Mr. Daniel Galbreath in aiding in receiving this gift:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to take such action necessary to enter into an agreement to purchase, in the name of the Board of Trustees, upon Mr. Firestone's death, the 1503 acres from the Raymond C. Firestone Trust, which property is comprised of the tax parcels listed on Exhibit A attached hereto, for the sum of \$5,000,000.00 and upon such terms and conditions as they consider to be in the best interest of the University; and to accept the gift of Mr. Firestone on behalf of the Board of Trustees; and

BE IT FURTHER RESOLVED, That the Board hereby ratifies and confirms all actions taken by the President and/or the Vice President for Business and Administration to effectuate this transaction, including, but not limited to, the execution of a purchase agreement among The Ohio State University, the Raymond C. Firestone Trust, and the Raymond C. Firestone Co., dated May 22, 1987.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

EXHIBIT A

TRACT 1 (Bath Township, Summit County)

<u>Parcel No.</u>	<u>Land Size</u>
04-00317	42.25 ac.
04-00849	33.70 ac.
04-00852	16.84 ac.
04-00859	122.32 ac.
04-00868	108.43 ac.
04-00874	13.04 ac.
04-00877	0.16 ac.
04-00880	89.64 ac.

June 4 and 5, 1987 meeting, Board of Trustees

EXHIBIT A (contd)

TRACT 1 (contd)

04-00881	3.22 ac.
04-00882	5.45 ac.
04-00884	49.26 ac.
04-00885	5.14 ac.
04-00888	1.00 ac.
04-03835	3.72 ac.
04-03837	32.73 ac.
+pro-rata portion	
04-00850	<u>40.28 ac.±</u>
TOTALS	567.18 ac.±

TRACT 2 (Bath Township, Summit County)

<u>Parcel No.</u>	<u>Land Size</u>
pro-rata portion	
04-00850	63.52 ac.±
04-00853	1.84 ac.
04-00878	<u>0.26 ac.</u>
TOTALS	65.62 ac.±

TRACT 3 (Bath Township, Summit County)

<u>Parcel No.</u>	<u>Land Size</u>
04-00887	16.00 ac.

TRACT 4 (Bath Township, Summit County)

<u>Parcel No.</u>	<u>Land Size</u>
04-00855	15.00 ac.
04-00858	15.00 ac.
04-00861	33.00 ac.
04-00864	48.65 ac.
04-00869	66.29 ac.
04-00872	37.62 ac.
04-00886	<u>7.42 ac.</u>
TOTALS	222.98 ac.

TRACT 5 (Summit County)

<u>Parcel No.</u>	<u>Land Size</u>
<u>Bath Township</u>	
04-00851	50.75 ac.

June 4 and 5, 1987 meeting, Board of Trustees

EXHIBIT A (contd)

TRACT 5 (contd)

04-00854	10.20 ac.
04-00857	0.87 ac.
04-00860	20.93 ac.
04-00863	48.27 ac.
04-00866	19.83 ac.
04-00871	85.00 ac.
04-00873	24.50 ac.
04-00875	43.50 ac.
04-00876	<u>84.74 ac.</u>
Totals	388.59 ac.

Richfield Township

48-00189	4.01 ac.
48-00190	<u>2.00 ac.</u>
Totals	6.01 ac.

TOTALS

TRACT 5	394.60 ac.
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TRACT 6 (Granger Township, Medina County)

<u>Parcel No.</u>	<u>Land Size</u>
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005-005-00-

005-00	80.51 ac.
006-00	4.50 ac.
007-00	4.75 ac.
008-00	32.66 ac.
009-00	17.89 ac.
014-00	31.00 ac.
016-01	27.465 ac.
022-01	<u>15.27 ac.</u>

TOTALS	214.045 ac.
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TRACT 7 (Separate Homesites - Bath Township, Summit County)

<u>Parcel No.</u>	<u>Land Size</u>
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1884 Cleveland-Massillon Road

04-00889	0.72 ac.
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3813 Ira Road

04-00870	1.95 ac.
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3825 Ira Road

04-00862	0.48 ac.
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June 4 and 5, 1987 meeting, Board of Trustees

EXHIBIT A (contd)

TRACT 7 (contd)

3837 Ira Road

04-00856 4.43 ac.

3917 Ira Road

04-00865 5.26 ac.

2070 Medina Line Road

04-00867 10.00 ac.

TOTALS

TRACT 7 22.84 ac.

TOTAL ALL SUBJECT PROPERTY 1,503.265 ac.

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PURCHASE OF REAL PROPERTY
239 WEST TENTH AVENUE AND 1574-76 NEIL AVENUE
COLUMBUS, OHIO

Resolution No. 87-140

Synopsis: Purchase of real property at 239 West Tenth Avenue and 1574-76 Neil Avenue in Columbus, Ohio, is proposed.

WHEREAS The Ohio State University has been presented with an opportunity to purchase two pieces of real property, one comprising 0.14 acres at 239 West Tenth Avenue and the other comprising 0.18 acres at 1574-76 Neil Avenue in Columbus, Ohio; and

WHEREAS these properties have a total appraised value of \$195,000.00, and the owner, Mr. Richard Schuen of Grandview Heights, Ohio, has offered to sell the properties to the University at a price of \$192,000.00; and

WHEREAS these properties are located within the south campus acquisition boundary of the University's Master Plan, and the appropriate University officers have determined that the purchase of these properties is in the best interest of the University; and

WHEREAS funds for the purchase of these properties will be provided from University funds resulting from the previous sale of south campus properties outside the acquisition boundary and from the sale of other properties:

NOW THEREFORE

BE IT RESOLVED, That the President and/or the Vice President for Business and Administration be authorized to purchase, in the name of the State of

June 4 and 5, 1987 meeting, Board of Trustees

**PURCHASE OF REAL PROPERTY
239 WEST TENTH AVENUE AND 1574-76 NEIL AVENUE
COLUMBUS, OHIO (contd)**

Ohio for the use of The Ohio State University, the real property located at 239 West Tenth Avenue and 1574-76 Neil Avenue at a price not to exceed \$192,000.00, upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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President Jennings made the following statement:

The uncertainties of action by the General Assembly preclude us bringing a budget for approval to the Trustees today, as would be our normal schedule. While I will not be able to bring a 1987-88 budget until our July 10 meeting, we do need to give our students some indication of what tuition rates will be for next Autumn Quarter.

As you may recall, the Executive Budget would have required a tuition increase of 31 percent. Today, as a result of additions by the House and Senate and our own cost containment efforts, that 31 percent increase for Ohio undergraduate students can be reduced to 7.9 percent provided the Conference Committee holds with what the Senate passed last week.

We very much appreciate the support of the Ohio House and the Senate. But I should remind you that more than half of this reduction from 31 percent to 7.9 percent is due to our own cost containment activities.

If the Senate dollar figures and budget language are retained by the Conference Committee, it is my intention to bring to this Board in July a balanced budget which contains a tuition increase of 7.9 percent for Ohio undergraduate resident students. However, the tuition increases for non-resident students will exceed that level, as we begin to bring various non-resident tuition levels more in line with established norms.

Non-resident student tuition is typically three times that of resident students. Over the past several years, relative levels of non-resident tuition for undergraduate, graduate, and law students have not kept pace. We are initiating a multi-year approach to returning them to the average three-to-one ratio. We will recommend that the total tuition increase for non-resident students be approximately 11.5 percent.

In addition, we will bring to the Board a budget that is in accordance with the other planning guidelines I presented at our May meeting.

However, the University requires appropriate spending authority the first day of the new fiscal year on July 1 until this Board

June 4 and 5, 1987 meeting, Board of Trustees

President Jennings: (contd)

meets again on July 10. I am therefore recommending that this Board consider and pass the enclosed resolution, which will provide spending authority for those days at a level not to exceed that of the level of state support provided by the Senate appropriations recommendation. At the July meeting, we will bring to you for your approval the complete University budget.

EXPENDITURE AUTHORIZATION 1987-88

Resolution No. 87-141

Synopsis: Authorization to make interim expenditures in Fiscal Year 1987-88 is requested.

WHEREAS levels of State financial support for 1987-88 have not yet been established; and

WHEREAS this University must proceed with its budget planning for 1987-88 even with the current uncertainties in State revenues; and

WHEREAS it is necessary to authorize expenditures for 1987-88 to be effective July 1, 1987, including payment of faculty and staff, prior to the time that this Board adopts the Current Funds Budget for 1987-88:

NOW THEREFORE

BE IT RESOLVED, That the University be authorized to make expenditures consistent with the budget guidelines and the Provisional Current Funds Budget for Fiscal Year 1987-88, as described in the accompanying table, effective July 1, 1987; and

BE IT FURTHER RESOLVED, That the President will present as soon as possible to the Board of Trustees the final version of the Current Funds Budget for 1987-88 with adjustments as may be necessary as a result of the final actions of the General Assembly and Governor of the State of Ohio.

Upon motion of Mr. Teafor, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

June 4 and 5, 1987 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1987-88 PROVISIONAL CURRENT FUNDS BUDGET

All Funds Summary of Resources and Uses

Budgeted Resources

Columbus Campus		
State Appropriations		\$273,968,000
Student Fees		
Instructional, General & Tuition	126,171,000	
Non-Credit Instruction	5,147,000	
Subtotal Student Fees		\$131,318,000
Other Income		
Federal Grants and Contracts	91,995,000	
Ohio Grants and Contracts	9,337,000	
Local Grants and Contracts	10,670,000	
Private Gifts and Grants	46,202,000	
Endowment Income	8,300,000	
Departmental Sales & Services	27,238,000	
Auxiliary Sales & Charges	76,713,000	
Hospital Sales & Services	189,129,000	
Other Sources	15,248,000	
Subtotal Other Income		\$474,832,000
Total Columbus Campus		\$880,118,000
Regional Campuses		
State Appropriations	11,424,000	
Student Fees	7,216,000	
Other Income	3,338,000	
Total Regional Campuses		\$21,978,000
OARDC		
State Appropriations	19,527,000	
Federal	6,550,000	
All Other	4,100,000	
Total OARDC		\$30,177,000
Grand Total - Resources		\$932,273,000

Budgeted Uses

Columbus Campus		
Educational and General Expenditures	590,251,000	
Auxiliaries	72,434,000	
Hospital	197,705,000	
Transfers	15,337,000	
Total Columbus Campus		\$875,727,000
Regional Campuses		
ATI	5,810,000	
Lima	4,528,000	
Mansfield	4,329,000	
Marion	3,483,000	
Newark	3,775,000	
Total Regional Campuses		\$21,925,000
OARDC		\$30,177,000
Grand Total - Uses		\$927,829,000

June 4 and 5, 1987 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO JOHN E. ROGERS

Resolution No. 87-142

WHEREAS John E. Rogers has served as President of the Council of Graduate Students during the past year; and

WHEREAS he has carried out his assignments in a truly outstanding manner; and

WHEREAS John has worked diligently in order to bring matters and concerns of special interest to graduate students to the attention of this Board; and

WHEREAS his resolve, dedication, and support of this University has been evidenced in innumerable ways over the past year:

NOW THEREFORE

BE IT RESOLVED, That this Board expresses to John E. Rogers their thanks and appreciation for his dedicated leadership and service to The Ohio State University, and wishes him and his family happiness, good health, and success in the future.

Upon motion of Mr. Teaforde, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 87-143

RESOLVED, That the report on the University's Investment Portfolio, dated May 15, 1987, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, July 9, 1987, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

Edmund C. Redman
Chairman

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